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TRADITIONAL WINDSHIELD PASSENGER WIPER BLADE



Value performance leader

Features & Benefits:

- Corrosion resistant, all metal, riveted frame structure
- Compression molded rubber with moly coating to optimize quality of wipe and durability
- Twin stainless steel flexors provide even pressure distribution between all contact points
- Universal, pre-installed adapter
- Plastic bushes at all metal-to-metal links prevent noise and excessive play

Length (in.)	Art. No.	P. Qty.
13	848.020131	2
15	848.020151	
16	848.020161	
17	848.020171	
18	848.020181	
19	848.020191	
20	848.020201	
21	848.020211	
22	848.020221	
24	848.020241	
26	848.020261	
28	848.020281	

PROCURVE WINDSHIELD PASSENGER WIPER BLADE



Designed for improved performance

Features & Benefits:

- Unmatched ease, safety, and connection profiles
- Rigid primary and flexible secondary in frame design gives even pressure distribution
- Integrated wind spoiler and wrap around shield on top and bottom of the frame
- Reduces snow clogging and icing

Length (in.)	Art. No.	P. Qty.
16	848.091161	2
17	848.091171	
18	848.091181	
19	848.091191	
20	848.091201	
21	848.091211	
22	848.091221	
24	848.091241	
26	848.091261	

WIPER BLADE WALL RACK



Art. No. 966.700008 - P. Qty. 1

Point of Purchase Display

Features & Benefits:

- Wall racks are a great way to attract new customers, keep service bays or stores clutter free, and to keep inventory organized and displayed
- 50 blade capacity
- 8 facings
- 25" across
- Assembly required
- Instructions included
- Wiper blades sold separately

NEW

WIPER BLADE FLOOR RACK



Art. No. 966.700023

Point of Purchase Display

Features & Benefits:

- Floor racks are a great way to attract new customers, keeping service bays or stores clutter free and keeping inventory organized and displayed
- 80 blade capacity
- 16 facings
- 72" x 25" x 25"
- Assembly required
- Instructions included
- Wiper blades sold separately

WINDSHIELD REPAIR KIT



Art. No. 964.893750

For use on all laminated windshield glass

- Each kit is ready to make 10 repairs

Features:

- Simple to use and maintain! Most other windshield repair systems require multiple seals and "O-rings". Our system requires only one seal.
- The bridge is equipped with a vacuum cup, others use suction cups. The vacuum cup allows complete 360 degree adjustability.
- Our kit includes a pit location device called a centering tool that ensures the injector barrel is straight over the centre (pit) of the break, without the need to view down the barrel for those hard to reach and see spots.
- No extra pumps or hoses needed in our kits.
- Kits come complete with everything needed to professionally repair all types of repairable windshield damage such as Star, Bull's-eye, Combination breaks and cracks.
- One-shot high quality repair resin

Suitable For:

- Laminated automotive glass
- Vertical repairs
- Edge repairs
- Curved glass
- For the repair of Star, Bull's-eye, Combination breaks and cracks

*** Please refer to your instruction manual more detailed information.**

*** All items in the kit are also available to order separately**

 **See our demo on YouTube!**

Please keep the kit and contents out of direct sunlight

Kit Contents

Art. No.	Description	Qty.
891.634425	LED UV LIGHT (requires 1 lithium battery, #827.805600 that comes in the kit and also available separately)	1
891.634432	LED light stand	1
899.900107	Micro fibre cloth	1
891.634420	Windshield repair Resin (one shot 5pack)	2
899.103132	Safety Glasses Trendus Clear	1
891.634423	Curing tabs - 100 pack	1 pack
891.634451	Bridge assembly	1
893.0000	Pit Polish	1
891.634422	Premium Pit Resin	1
714.70150	Scribe Steel Point	1
891.634441	Centering Tool	1
714.663200	Razor blade holder	1
715.35795	Inspection Mirror	1
899.470329	Black Nitrile Gloves Large	5 pairs
891.634438	Injector Seals - 5 pack	1 pack
690.9	Razor blades - box	1 box
715.930002	Temporary tool bag to be replaced with zippered bag 715.93610	1
827.805600	Rechargeable Lithium Battery # 18650	1
008.WRMANUAL	Instruction Manual	1
714.16160	Charger for battery	1

WINDSHIELD REPAIR ACCESSORIES

Accessories		
Art. No.	Description	Qty.
702.999051	Dremel Drill - 4.8 volt rechargeable	1
616.990001	Carbide Bur Tapered (5-pack)	1 pack
616.990002	Carbide Bur Round (5-pack)	1 pack
891.634430	UV Light - 12 Volt	1
891.634440	UV Screen	1

Uses:

- Buses
- Trucks
- Automotive
- Fleet Vehicles

Dremel Drill - 4.8



The Dremel/drill and carbide burs are necessary if the break needs to be drilled to provide an access point for the resin.

Carbide Bur Tapered (5-pack)



Carbide Bur Round (5-pack)



UV Light - 12 Volt



Optional source of UV light, this lamp can be plugged into the car lighter plug.

UV Screen



When performing repairs outside, this screen is used to block the sun's UV rays to eliminate premature curing.

GUARD PROTECTION COVER



Art. No. 899.600

Protects against possible damage when repairing and servicing.

- Suitable for all types of cars.
- Material: Black artificial leather.
- The inside and contact surface is lined with a soft foamed material.
- Flexible with temperature which prevents cracking.
- Unique design with sewn-in sandbags allows the cover to form to the resting surface and prevents any damage.
- 65cm (L) x 80cm (W) (25.6" x 31.5")
Weight: 1.5kg (3.31lbs)

5-IN-1 INTERIOR PROTECTOR SET

Art. No. 899.500051



- All necessary protectors are provided on a single tear-off.
- Easy logistics, because it's just one article.
- Saves storage space and dispenser systems.
- Suitable for most passenger car interiors.
- Supports mechanics in complying with the required quality standards.
- All protectors are packed in a dust-proof dispenser carton

Seat protector and floor mat

- Perfect fit and adhesion with anti-slip underside.
- Transparent headrest area enables a clear view when driving in reverse and during test drives.
- Protection against oil, dirt and water.

Protective film for steering wheel, shift lever and handbrake

- The multilayer film is especially anti-slip and adhesive.
- High-stretch film, elastically adapts to shapes.
- Transparent material is used to recognize symbols.
- Protects the control elements against soiling.



Protective element	Length in mm	Width in mm	Thickness in mm
① Seat protector	1,400 (55")	760 (29")	0.015
② Floor mat	700 (29")	510 (20")	0.015
③ Steering wheel protector	490 (19")	150 (6")	0.025
④ Shift lever protector	150 (6")	90 (3 1/2")	0.025
⑤ Brake lever protector	150 (6")	100 (4")	0.025



Dispenser carton L x W x H in mm	Roll width in mm	Roll dia. in mm	No. of tear-offs per roll	P. Qty.
730 x 240 x 235 (28" x 9" x 9 1/4")	725 (28")	Approx. 200 (7 3/4")	200	1

Recommended: Use with Seat Cover Roll Dispenser Racks **Art. No. 899.50004 & 899.50006**

PROTECTIVE CAR FILM



Self-adhesive weather barrier plastic film that protects car interior and body.

Features:

- Blue 2.3 mil film
- Adhesive film
- Continuous 100 ft. roll

Benefits:

- Vehicle interior is protected from rain, snow, and other debris
- Adhesive does not transfer to the body of the vehicle when removed
- Leaves vehicle undamaged with no residue
- Protects vehicle up to 90 days
- Low density polyethylene which will actually begin to soften at 60°C but will retain its form and can withstand cold down to -20°C

Suggested Uses:

On-site vehicle recovery, body shops, automotive storage, equipment storage, protective covering while cleaning equipment and wrapping of items during transportation.

Note: Protective Car Film should not be used on freshly painted vehicles. Remove old Protective Car Film within 90 days and replace it with a fresh application to help prevent adhesive from transferring to the vehicle's surface. Use Rubbing or Isopropyl Alcohol or Citrus based cleaners to remove any residue. (Art. No. 893.460005)

Other names for Protective Car Film include: Crash Wrap or Collision Wrap.

Description	Dimensions	Art. No.
Blue, 2.3mil film	36" x 100'	818.77054



SEAT COVER ROLL DISPENSER RACK



Art. No. 899.50006

- For individual wall mounting or installation in ORSY® basic components
- Practical, safe storage unit removal
- The protective cover prevents soiling
- For seat protectors and tire bags
- Delivery scope without contents, however with mounting materials

Recommended:

Use with 5-In-1 Interior Protector Set

Art. No. 899.500051

Length mm	Height mm	Max. roll width mm	Max. roll diameter mm	Weight kg
820	570	700 (750*)	190 (260*)	5.0

* Without protective box

REUSABLE SEAT COVER



Art. No. 899.500090 - P. Qty. 4

- An environmentally conscious alternative to disposable plastic seat covers.
- Keeps car seat clean of oil and dirt.
- Cost effective, as they can be machine washed and re-used many times.
- Crafted with durable and long-lasting polypropylene material.
- Easy-to-use, simply hook the cover over the headrest.
- Won't slip or slide on the seat.
- Save money, as each seat cover will pay for itself after multiple uses when compared to disposable plastic covers.
- 80 cm x 150 cm (31-1/2" x 59").

5-IN-1 PROTECTIVE CAR SET



Art. No. 899.500004

5 piece protector set for vehicle interiors.

Features and Benefits:

- Easy to use design
- All necessary protectors are supplied in a Polyethylene bag for protection from dust and dirt
- Simple to plan material requirements, as only one item; saves storage space and makes dispenser systems unnecessary
- Suitable for most passenger vehicle interiors

SEAT PROTECTOR

- Optimal material thickness for high tear resistance and elasticity

FLOOR MAT

- Combination of absorbent paper and coated underside prevents soaking through
- Protection against oil, dirt and water

STEERING WHEEL, GEAR LEVER AND HANDBRAKE PROTECTOR

- Protects from dust and dirt

Included	Length (cm)	Width (cm)	Material	P. Qty
Seat Cover	130	80	LDPE	1
Steering Wheel Cover	130	10		
Gear Shift Cover	14	14.5		
Floor Mat	38	50		
Outer Bag	29	21		

FLOOR PROTECTOR



Fuel and lubricant resistant floor protectors.

Features and Benefits:

- White, oil-resistant and water-resistant PE film
- One roll is sufficient for approx. 500 passenger vehicles
- Exact perforation ensures high tear-off quality
- Dust-proof thanks to practical dispenser carton

Applications:

- Fits most passenger vehicles

Number of Tear-offs	Material	Length (cm)	Width (cm)	Art. No.	P. Qty.
500	PE - Polyethylene	50	38	899.50003	1

PROTECTIVE SEAT COVER



Polyethylene seat protector on roll for easy dispensing.

Features and Benefits:

- White, oil-resistant and water-resistant PE film
- Film thickness of 13 µm (0.013 mm) for optimal material thickness for elasticity in all directions
- Exact perforation for precise and easy tear-off
- Easy to unroll without the film pulling to one side
- Practical dispenser carton protects against dust

Applications:

- Fits most passenger vehicle interiors

Number of Tear-offs	Material	Length (cm)	Width (cm)	Art. No.	P. Qty.
500	PE - Polyethylene	130	80	899.50001	1

STEERING WHEEL COVER



Flexible and non-slip steering wheel cover on a roll.

Features and Benefits:

- White, oil-resistant and water-resistant PE film
- Optimal durability and flexibility thanks to high material thickness of 0.039 mm
- One roll is sufficient for approx. 500 steering wheels
- Exact perforation ensures high tear-off quality
- Dust-proof thanks to practical dispenser carton

Applications:

- Fits most passenger vehicle steering wheels

Number of Tear-offs	Material	Length (cm)	Width (cm)	Art. No.	P. Qty.
500	PE - Polyethylene	31	15	899.50002	1

STEERING WHEEL WRAP



**Polyethylene adhesive film
for steering wheels.**

Features and Benefits:

- One roll is sufficient for approx. 215 steering wheels
- Continuous film suitable for all steering wheel types
- Optimal durability and flexibility thanks to high material thickness of 0.014 mm

Applications:

- Fits most passenger vehicle steering wheels



Capacity	Material	Length (cm)	Width (cm)	Art. No.	P. Qty.
215	PE - Polyethylene	30	n/a	899.500025	1
215	PE - Polyethylene	30	14	899.500026	1

UNDERBODY SEALANT



Sprayable permanent protection against corrosion and stone penetration. Made from bitumen-rubber-resin.

- Remains flexible
- Water and salt-resistant
- High temperature resistance
- If applied onto vertical surfaces in layers of 6-3 mm, it does not drip or sag
- 2 year shelf life
- **Cannot be painted over**

Colour	Contents	Art. No.
Black	1 L	892.072

PAINTABLE RUBBERIZED UNDERCOATING



A rubberized coating that provides soundproofing, resists abrasion, remains flexible and can be painted over with most automotive paint.

Applications:

To be applied to the wheel wells, the inside of door panels or fenders, the underside of a trunk or hood or the underside of a motor vehicle.

Directions:

Lightly sand surface to enhance bond. Surface should be clean, dry, and free of any contaminants such as wax, grease or silicone. Shake thoroughly before using. Using a siphon gun at 40-80 psi, adjust air pressure and spraying distance to match factory texture. Under normal conditions, allow 1-1/2 to 2 hours drying time. Make sure coating is fully cured before top coating. When top coating, apply a first thin coat. Allow 5 minutes flash time. Follow with a full wet coat.

Contents	Colour	Art. No.
1 L	Black	892.075210

HIGH-BUILD UNDERBODY SEALANT



Art. No. 890.90720 446 g

Permanently elastic, bitumen-free rubber-plastic combination

- Fast drying, can be painted over with spray paints after drying (about 1 to 2 h)
- Protects against flying stone
- Prevents corrosion due to water and road salt
- Seals and acts as a sound deadener
- For vehicle underbodies, wheel boxes, sill boards, spoilers, rear valances, motor hoods and trunks
- Permanently elastic, and impact, abrasion and heat resistant
- Can be sprayed without mist; does not run or drop off
- Colour: Black

GRAVEL GUARD – AEROSOL



All gravel guards supplied by Würth Canada Ltd. have basically the same principles in regards to their application and setting times.

- The aerosol is particularly suitable for inaccessible areas
- For vehicle underbody, sills and wheel wells
- Paintable when dry
- Excellent match to Ford O.E.M. finish

All panels must be primed and clean from contamination before application.

To achieve best results, spray product approximately 10-12 inches away from the surface. If this distance is closer than 10-12 inches product overload will occur i.e.; running, patchy finish, etc. Whereas if the distance is too far away, the finished product will be very coarse in finish.

The product should be applied in a flowing sideward motion, going left to right, a slight overlap is required of each motion, keeping this to a minimum, thus avoiding any unwanted build up of the product.

Any overspray should be cleaned off within a few minutes of application.

Setting times

All the gravel guards are paintable with any modern paint system after 1-2 hours (finger touch dry). If the gravel guards are left longer than 12 hours, the product will require prepping before any further work can be applied over it, (red or grey Scotchbrite is ideal). After 24 hours the product can be mechanically sanded with minimum 120 grit paper. If several layers are to be applied, DO NOT FORCE DRY, if this is done, the product's solvents will be unable to escape, leaving a hard skin on the outside and remaining soft underneath. If multiple coats are required it is important to wait 1-2 hours between coats, then apply the next layer, thus allowing the solvents to escape. Gravel guards are not designed to be used as an undercoating.

Description	Contents	Art. No.
Black / Fine grain-like texture	450 g	892.071
Beige	550 g	892.90101
Black / Thick wave-like texture	405 g	892.9071

UNDERBODY PROTECTION



A unique oil-based formula used for annual rust proofing applications.

Features:

- Dripless rust proofing is a uniquely formulated product that prevents rust and corrosion from attacking the undercarriage of your vehicle.
- It has state of the art rust inhibitors that work to protect the vehicle from the elements, as well as road salt, sand and other contaminants.
- This product protects the vehicle by displacing moisture, and by coating the surface with highly effective corrosion inhibitors.
- Non-flammable.
- Base ingredients are highly refined mineral oils.
- Does not contain any heavy metals.
- Easy to apply.
- Superior tachifiers offer superior adhesion.
- Unique No-Drip formula.
- Incredible capillary action to penetrate seams, pinch-welds and hard to reach inner cavities.
- Minimal over spray.
- Non-offensive odour.

Application:

Interior cavities, inner rocker panels, pillars, doors and frames. Can also be used on the under-side of vehicles.

Application tools:

Pneumatic Gun with Container **Art. No. 891.100**
UBS Gun **Art. No. 891.110640**

Note: Never apply the product on rubber or plastic. Avoid applying any materials on or near catalytic converters and mufflers due to extreme heat.

Colour	Contents	Art. No.	P. Qty.
Amber	18.9 L	892.0801	1
Black		892.0802	

CAVITY PROTECTION WAX



Suitable for long term protection against corrosion in at risk bodywork cavities such as seams, hemmed and welded parts, edges and surfaces of sills, struts, door cavities, etc.

Features:

- Very efficient cavity wax protection for door pillars, door sills, inside door skins, head light recesses, fenders, trunk decks, etc.
- Can also be used as an anti-corrosion spray for any internal and external metal surfaces, as well as underbody applications
- Displaces dampness and water
- Penetrates rust and prevents further rusting
- Aerosol cavity wax can be used anywhere - no airline system needed
- Suitable for patch-up and repair work
- Extreme creep characteristics and excellent adhesion to metallic surfaces.
- Does not attack rubber and plastic components
- Compatible with top coat paints.

Note: Art. No. 893.081 is LIQUID and has an excellent creeping characteristic; therefore, it is ideal for hard-to-reach areas, corners and joints.

Art. No. 893.081150 has a THICKER texture and offers a stronger protection for exposed surfaces.

Colour	Texture	Contents	Art. No.
Beige	Thick/gel-like	405 g	893.081150
Light Beige	Liquid	345 g	893.081

WAX UNDERBODY PROTECTION - BLACK



Permanently elastic wax-based coating mass (bitumen-free), cannot be painted over, contains solvents.

Permanently elastic

- Forms a tear-resistant, closed protective film (tested in accordance with DIN 53152).
- Good stone chip protection via "self-healing effect"*

Free of bitumen

- Formula based on high-quality waxes.
- Very good corrosion protection, also with thin layers (tested in accordance with DIN 50021).

Excellent adhesive properties on a wide variety of surfaces

- No running or dripping with vertical application (depending on layer thickness).
- Paint-, rubber- and PVC-compatible.

Quick skin formation and drying times

- Skin formation after approximately 120 minutes is 400 µ.
- Minimal downtimes.

VOC- Compliant

- Solvent-reduced.
- Complies with the VOC content limit specified by the Volatile Organic Compound (VOC) Concentration Limits for Automotive Refinishing Products Regulations.
- Resistant to sprayed water and saltwater, weak acids and basis.
- Temperature resistance after thorough drying: -25°C to +80°C.

Thanks to the surface-active characteristic of the coating mass, stone chips are closed by moving of the UBS wax to fill the spot.

Areas of Application:

To enhance and treat all protective coatings on PVC, rubber resin, bitumen and wax-based underbodies. Highly suitable for untreated metal surfaces

Note: Before use, check spray pistol and nozzle for proper functioning. Turn can upside down and spray until valve is empty after use. Do not spray on joints, engines, transmissions and brake systems.

Colour	Contents	Art. No.	Qty.
Black	1L	892.079100	1/12

PNEUMATIC APPLICATION GUN PS 3



Art. No. 891.628

For application of sprayable sealing compound. Produces OEM finish.

- The cartridge inside the gun may be used for several weeks.
- Application areas: joint sealing and reconstruction of the original seam structure after repair.

Note: Gun must be stored with installed cartridge. Works with Sprayable Seam Sealer **Art. No. 893.226/227/228**

ACCESSORIES FOR PNEUMATIC APPLICATION GUN FOR GENERATION 4 GUN



Art. No. 891.660

Special Beading Nozzle
With internal threads



Art. No. 891.653

Beading Nozzle
With internal threads



Art. No. 891.6291

Canister O-Ring
Approx. 55 mm x 3 mm (2.165" x 0.12")



Art. No. 709.628402 ***NEW***

Cover Cap



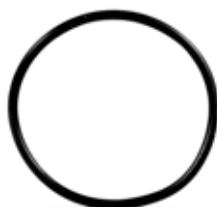
Art. No. 709.628403 ***NEW***

Nozzle



Art. No. 709.628440 ***NEW***

Cap



Art. No. 709.628428 ***NEW***

O-Ring 28



Art. No. 709.628453 ***NEW***

O-Ring 53

NOTE: all other spare parts and accessory can be purchased through special orders.

UBS GUN



For the processing of gravel guards, underbody sprays, and cavity protection products.

- Many areas of application.
Processing equipment for many different applications.
- For the recreation of stock-appearing finishes on the rocker panel, wheel wells, underbody, etc.
- Safe for the user.
Use the depressurizing valve to make refilling the can easy.

Note: There must always remain a can containing material in the pistol. Never put pistol away empty. Working pressure 6-4 bar (30 to 60 psi).

*Does not include nylon probes.

Description	Art. No.	P. Qty.
UBS Spray Gun*	891.110640	1
Nylon Probe Set (1 hooked probe, nylon probe with front exit, 1 nylon probe with side exit,) ø 6 mm, length: 1.3 m, each probe	891.110001	

UBS SPRAY GUN "SCHUTZ GUN"



Art. No. 891.106840

- For fast application of stone-chip and underbody protection products on a plastic, bitumen and wax basis.
- With variable spray nozzle for restoring original structure on sill panels, wheel wells, floor groups, etc.
- R 1/4" connection.
- Application pressure: 3-4 bar (40-60 psi).

PNEUMATIC GUN WITH CONTAINER



Art. No. 891.100

- For a quick application of Underbody Seal **Art. No. 892.0791**
- Contains 2 nylon probes.
- With quick-change-coupling.
- 1 Litre container.
- Nylon probes with 8 mm diameter and 1.3 m in length.
- The nylon probe has an offset end, anti-bending spring and 4 mm nozzle.
- Diameter: 6 mm, Length: 735 mm

WHEEL HUB XL CLEANING TOOL



Fast removal of rust, corrosion and other build up from the base of the wheel stud and wheel hubs.

Features:

- Strong long lasting aluminum tool design
- Unique design fits onto 1/2" drive impact wrench
- Easily used to clean over wheel studs, wheel hubs, or battery posts
- Helps improve proper torque of lug nuts for easy accurate tire balancing
- Cleans surfaces to ensure proper mating surfaces
- Knurled end for a firm grip

Applications:

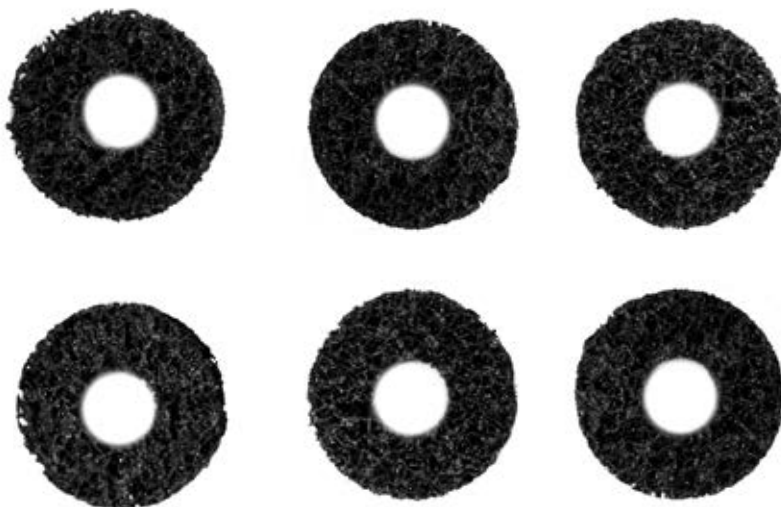
- Perfect for commercial trucks, buses, emergency and transits vehicles

Cautions:

- Always use personal protective equipment
- Always wear eye protection
- Do not hold the tool in one area for prolonged periods of time, use caution when cleaning aluminum
- Designed to operate the tool in a FORWARD (clockwise) setting so that the pad remains secure during operation
- Operating the tool in REVERSE will cause the abrasive pad to detach

Length	Art. No.	Drive
4.7 inches (120mm)	585.900005	1/2 inch

HUB CLEANING XL BRUSHES SET - 6PC



Grinding discs for the wheel hub-cleaning tool.

Features:

- Designed specifically for use with the Wurth XL hub-cleaning tool
- For cleaning wheel hubs and around the base of a M22 wheel stud on trucks, trailers, buses, RVs and emergency vehicles
- Material of abrasive is Polycarbonate nylon abrasive
- Max Rotation speed is 10000rpm
- Diameter is 2.3 inch (60mm)

Cautions:

- Always use personal protective equipment
- Always wear eye protection
- Do not hold the tool in one area for prolonged periods of time, use caution when cleaning aluminum
- Designed to operate the tool in a FORWARD (clockwise) setting so that the pad remains secure during operation
- Operating the tool in REVERSE will cause the abrasive pad to detach

Art. No.	P. Qty.
585.900005	1 tool + 5 brushes
585.190418	6 brushes

WHEEL HUB CLEANING TOOL

Art. No. 585.1905

Designed to clean rust, corrosion and other build up from the base of the wheel stud, wheel drums and tire rims

Features:

- Lock-On abrasive design
- Unique design to fit 1/2" impact wrench
- Includes 1x tool & 1x 2" (50mm) disc

Size	Replacement Discs	P. Qty.	Art. No.
1" (40mm)	Hub Cleaning Disc	6	585.2001
2" (50mm)			585.2002

Benefits:

- Tool and abrasive designed with high strength material to quickly remove rust
- Unique design fits onto 1/2" drive impact wrench, the same tool used to remove lug nuts
- Tool fits easily over wheel studs and also cleans battery posts
- Helps improve proper torque of lug nuts and for easy accurate tire balancing

STUD CLEANING TOOL

- Designed to quickly and effectively remove dust and debris from wheel studs
- Cleans 10 studs in under 3 minutes
- Cleaning of nuts and studs recommended whenever a tire is serviced
- Adaptor included
- Uses air wrench or handheld drill
- 1 brush and 1 Allen key included

Stud Cleaning Tools	
Size (mm)	Art. No.
13	697.900004
22	697.900005

Additional brushes for 697.900004		
Brush size (mm)	Colour	Art. No.
12		697.9012
13		697.9013
14		697.9014
16		697.9016

Additional brushes for 697.900005		
Brush size (mm)	Colour	Art. No.
18		697.9018
20		697.9020
22		697.9022

Note: The Stud Cleaning Tool works best at slow speeds without forcing the tool to the bottom of the stud. Once at the bottom, stop, reverse and spin off at slow speeds as well.

STUD CLEANING TOOL & BRUSH KIT

Art. No. 697.900015 (12 pieces)

Kit Contents	Art No.	P. Qty.
13 mm Stud Cleaning Tool	697.900004	1
12 mm Brush	697.9012	
13 mm Brush	697.9013	
14 mm Brush	697.9014	
22 mm Stud Cleaning Tool	697.900005	1
16 mm Brush	697.9016	
18 mm Brush	697.9018	
20 mm Brush	697.9020	
22mm Brush	697.9022	
Safety Glasses	-	1
Adapter & Allen Key	-	



LEAK DETECTION SPRAY



Art. No. 890.20 400 g

Finds leaks in compressed air and gas systems

Features:

- DVGW*-approved
- Easy and time saving way of finding leaks while the system is still working
- Suspect areas should be covered with a thin layer of Leak Detector
- Leaks will be indicated by the formation of foam
- Suitable for pneumatic brake systems, tires, hoses, valves, compressed air cylinders and compressor systems
- Also suitable for fittings containing gas as the Leak Detector is non-combustible

*DVGW: German Technical and Scientific Association for Gas and Water

Technical Data

Application temperature:	+5 °C to +50 °C (+41 °F to +122 °F) Freezes at 0 °C (+32 °F)
--------------------------	---

Note: Will not be damaged by frost.
May be used after defrosting.

TIRE LEAK SEEKER



Art. No. 892.450238 238 mL

For use on tires, tubes and rims. Find the injury location fast!

Features:

- Free-rinsing
- Phosphate-free
- Biodegradable

INNER LINER SEALER



Art. No. 893.455472 472 mL

For use with all passenger, commercial, truck, farm service and O.T.R. tires

- A butyl-based sealer
- Non-flammable
- Colour: applies grey, dries black
- Can be used on both radial and bias-ply tires

TIRE FITTING LUBRICANT



Art. No. 890.1221 5 kg

For fitting of car, truck and motorcycle tires

Excellent lubrication

- Low force required for quick fitting of the tire
- Reduced wear of tire fitting equipment
- Gentle on tire bead and rim
- Better centering of the tire on the rim

Pressure-resistant, transparent fitting film

- Low consumption due to sparing use of material
- No splashing and soiling when the tire snaps onto the rim

Short aeration time

- Non-positive bonding between tire and rim shortly after fitting
- Reduces complaints and consequential costs for possible re-balancing
- Saves costs for unnecessary checks of balancing equipment by service technicians

Tire and rim care with "FORMULA G"

- Keeps tire rubber supple and assures permanent sealing between rim and tire bead
- Fights rust (non-corrosive)
- Prevents sticking of the tire to the rim

pH-neutral

- No aggressive effect on tire rubber or rim
- Skin and environment friendly

Physiologically safe

Free of harmful solvents

Keeps tire bead supple and operable during storage in summer/winter

Silicon-free

Technical Data	
Consistency	Creamy, solid
Colour	White
pH-value	5.5-6.0
Processing temperature	-15 °C to +50 °C (+5 °F to +122 °F)
Flash point	> 100 °C (212 °F)
Density at 20 °C	1.04 g/cm ³
Shelf life	24 months
Possible material combinations	Rubber/steel Rubber/metal Rubber/plastic

TIRE PASTE BRUSH



Art. No. 829.815561

- Convenient angled head
- Length: 20 cm (8")

TIRE LUBE



Art. No. 890.122101 3.7 L

- Tire mounting/demounting lubricant
- Ready-to-Use formula (not concentrate)

TIRE MOUNTING COMPOUND



Art. No. 890.1225 11.3 kg

This style of mounting paste has long been used to lubricate beads on truck tires by applying it around the bead with a glove. It is also being used as a packing compound to fill the void between the rim and bead to assist in the inflation of a truck tire.

Once the bead is seated, the excess material is returned to the bucket.

Can be diluted and used on passenger tires with a swab.

Features:

- Makes tire mounting/demounting easier.
- Protects tire beads from damage and helps beads to seat properly.
- This non-toxic and environmentally friendly compound also contains rust inhibitors.

BEAD SEALER



Description	Contents	Art. No.
Bead Sealer - Regular Strength	946 mL	890.122001
Bead Sealer - High Strength		890.122000

Bead Sealer is used as a positive seal between the rim and tire to prevent air pressure loss.

Bead Sealer Thick formula is perfect for sealing small air leaks between the tire bead and the wheel.



◀ Replacement brush for bead sealer
Art. No. 879.14381

TIRE PREP PRE-BUFFING CLEANER



For removing dirt, debris and mold lubricants from the repair area prior to buffing

- Used for cleaning tubes and tubeless tires before repair
- Can be used before repair work with any vulcanizing patch or plug method
- Removes silicone and soapstone

Description	Contents	Art. No.
Buffing Solution - Aerosol	453 g	893.122003
Buffing Solution	946 mL	829.490996

VULCANIZING TIRE CEMENT



Features:

- For general purpose repair - patch to tire bonding
- Use for tube patches, small radial repairs, plugs and inserts
- Recommended for Jiffy, Magicure, Patch-n-Plug and Radial Value Patches

Description	Contents	Art. No.
Tire Cement	236 mL	890.100019
	945 mL	890.100012

Note: Use with any Würth repair unit or insert.

TIRE REPAIR PRODUCTS



Jiffy Gun

Art. No. 829.241

- For temporary “on the rim” tire repairs
- Approved and used by major tire companies
- Comes with small and large nozzles
- For use with Vulcanizing Plugs

Art. No. 829.213/214



Vulcanizing Plugs

Description	Dimensions	Art. No.
Small Plug	5/16" / 8 mm	829.213
Large Plug	7/16" / 11 mm	829.214

- Chemically vulcanizes throughout the repair
- Covers all types of injuries in passenger and truck tires
- Approved and used by major tire companies
- Insert with Jiffy Gun, **Art. No. 829.241**



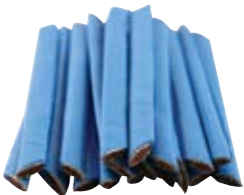
Pli-Seal Plug

Description	Dimensions	Art. No.
Pli-Seal Plug	2 1/4" x 3/8" (57 mm x 10 mm)	829.331

- Five-ply “bow tie”-shaped vulcanizing plug is designed for a permanent repair of the injury
- Designed for small hole and breaks
- May be used on all tubeless tires



A.



B.

Fibre Seal Insert & Rubber Vulcanizing Insert

Description	Dimensions	Art. No.
A. Fibre Seal Insert	3 3/4" (95 mm)	829.220
B. Rubber Vulcanizing Insert		829.222

- Fibre seal inserts, grey vulcanizing gum coated, wrapped in blue protective poly with a reinforcing core of fibre
- Easy insertion forcing the injury to take the shape of the insert or the insert taking the shape of the injury
- Fibre seal inserts will vulcanize chemically or in a heat curing system
- For steel belted passenger or truck radial tires
- Qty. 50/box



Grey Gum Poly Wrapped Insert Strips

Shape	Length	Diameter	Art. No.
Round	2" / 50 mm	3/16" / 5 mm	829.334
Oval	2" / 50 mm	1/4 x 5/16" / 6 x 8 mm	829.335

- Strips seat evenly throughout the injury to completely seal the liner and broken cord end
- Vulcanizing inserts are designed to “fill the injury” and may be used in radial or bias ply tires
- Inserts will vulcanize chemically or in a heat curing system



Brown Posi-Cord String

Art. No. 829.361

- Used to fill punctured holes in radial and bias ply tires. These plugs are designed for emergency repair in passenger and light truck tires.
- May be used with a patch for a permanent repair
- Durable nylon cord is resistant to the sharp steel belts in radial tires
- The cord is coated with a tacky rubber and when installed with chemical cement will allow for partial vulcanization to occur
- 4" / 102 mm long

Caution:

Since it is not possible to determine the extent of damage to the tubeless liner without looking inside the tire, we recommend the tire be removed from the rim and carefully inspected. It is best to fill the hole to seal out moisture and place a patch over the damaged liner to seal in the air.

Precautionary Info:

Puncture repairs made “On-The-Wheel” are classified as emergency repairs. If an emergency repair is made, the tire must not be run more than 160 km/ 100 miles at a speed no greater than 80 kph/ 50 mph until the tire is removed from the rim and inspected carefully and a permanent repair is made.

TIRE PATCHES



Jiffy Patches®

- Self vulcanizing Jiffy Patches
- Wafer-thin design
- Poly back assures quick release
- Non-chafing edge
- Used on radial or bias tubeless tires
- Used for crown or sidewall repair
- Used on all tubes (designed to be twice the strength of the tube)
- Use with **Art. No. 890.100019**, Activator cement

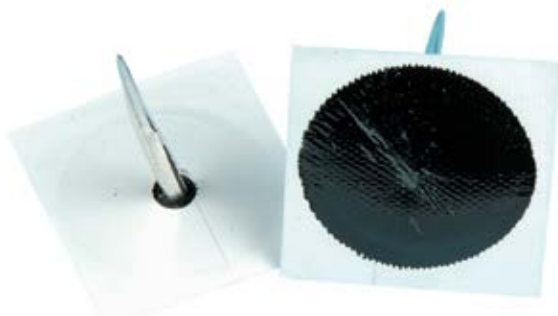
Type	Dimensions		Max Tube Injury		Art. No.
	Inches	mm	Inches	mm	
Med. Round Patch	2 1/4	57	1	25	829.002
Large Round Patch	3 1/8	79	2	51	829.003
Med. Oblong Patch	1 7/8 x 3 3/4	48 x 98	2	51	829.005



Coi Radial Patches

- For "centre over injury" radial repair
- Heavy duty repair designed for high flexing
- Withstands high heat
- High strength compact design that requires less buffing
- Provides trouble-free repair for the life of the tire
- For crown, shoulder, or sidewall area for any radial tire
- Use with **Art. No. 890.100019**, Activator cement

Type	Dimensions		Art. No.
	(inches)	(mm)	
Small Radial 10, 1 Ply Patch	2 x 3	50 x 76	829.10
Medium Radial 12, 1 Ply Patch	2 1/4 x 4	57 x 102	829.12



Precautionary Info:

Puncture repair in HR (130 mph), VR (150+ mph) rated tire is generally limited to the centre of tread area. Other limits on the maximum number of repairs and the size may also apply. Due to product liability requirements, some manufacturers' policy is to remove the speed rating when a puncture repair has been made.



Magicure™ Ultra Thin Patches

- Self-vulcanizing
- Non-chafing
- Feather-edge and wafer-thin design, one piece moulded construction
- Flexible for use in any direction
- For radial or bias tubeless tires
- For crown or sidewall repair
- For use on all tubes, it is designed to be twice the strength of the tube
- Use with **Art. No. 890.100019**, Activator cement

Type	Dimensions		Art. No.
	inches	mm	
Med. Round Patch	2 1/8	55	829.072



Radial Value Patch

- Nail hole repair for radial tires
- Reinforced to handle the flex in radial tires
- May be used on either passenger radial tires or truck radial tire applications
- Use with **Art. No. 890.100019** Activator cement

Type	Plug Dimensions		Max Tube Injury		No. Plies	Art. No.
	(inches)	(mm)	(inches)	(mm)		
Small Patch	1 3/4 x 3	45 x 76	1/8	3	1	829.413
Medium Patch	2 1/4 x 4	57 x 102	1/4	6	1	829.414

Note: Conventional reinforced patches should not be used on radial tires due to the different flex characteristics in the radial tire.

Patch-N-Plug Radial & Bias Tire Repair

- The metal quill protects the plug from damage by the steel belts during installation and simplifies pulling it through the injury with pliers
- When the quill is removed, the stem completely fills the hole sealing out dirt and moisture
- The patch vulcanizes to the inner liner to permanently seal the air in the tire
- Can be used on the crown, shoulder, or sidewall areas
- Use with **Art. No. 890.100019**, Activator cement

Type	Patch Size		Stem Dia.		Art. No.
	(inches)	(mm)	(inches)	(mm)	
Small Stem & Patch	1 3/4	42	3/16	5	829.381
Medium Stem & Patch	2 1/4	57	5/16	8	829.382

LEAD WIRE PATCHES



- Requires no special wire pulling tool
- Insert the lead wire into the injury from the inside of the tire and pull the repair through from the outside
- Both stem and the repair unit are gum coated to provide a complete bond
- Lead wire inserts will vulcanize chemically or in a heat curing system

Patch Size Dia.	Stem	Injury Size	Art. No.
1" (25mm)	1/8" (3mm)	1/16" (1.6 mm)	829.670
2" (50mm)	5/16" (8mm)	5/16" (8mm)	829.673
2" (50mm)	3/8" (10mm)	3/8" (10mm)	829.674

LEAD WIRE PATCHES - WRAPPED



- Requires no special wire pulling tool
- Use Carbide Cutter (Art. No. **887.914346** or Art. No. **887.914347**) to prepare the injury hole.
- Insert the lead wire into the injury from the inside of the tire and pull the repair through from the outside.
- Both stem and the repair unit are gum coated to provide a complete bond.
- Lead wire inserts will vulcanize chemically or in a heat curing system.

Patch Size Dia.	Stem	Injury Size	Art. No.
1 5/8"	7/32"	1/16" (1.6 mm)	879.9401
2 1/8"	5/16"	5/16" (8mm)	879.9402
2 1/8"	3/8"	3/8" (10mm)	879.9403

LEAD WIRE INSERTS - WRAPPED



- Wrapped with grey vulcanizing gum.
- For use in radial and bias ply tires
- Designed for chemical or heat vulcanization

Note: No special insert tools required. Use carbide cutter (Art. No. **887.914346** & **887.914347**) to prepare injury channel. Install from the inside, pull through, and cut off wire.

Sizes	Art. No.	Qty.
4.5 inches, 7/32 (5.5 mm)	879.91001	1 box of 20
4.75 inches 3/8 (9.5mm)	879.91002	

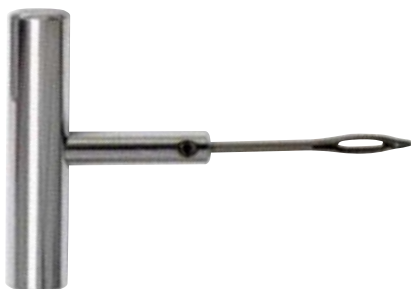
T-HANDLE SPIRAL TIRE PROBE



- For preparation of tire injury before repair.
- Also can be dipped in cement to lubricate the injury hole to prepare for insertion of the rubber filler plug.
- Chrome handle.
- Steel spiral.

Length		Width		Spiral Dia.		Art. No.	P. Qty.
171.5 mm	6-3/4"	98.4 mm	3-7/8"	6.35 mm	1/4"	715.3453	1

CHROME HANDLE SPLIT EYE NEEDLE



Art. No. 715.3455

For use in preparation of tire injury repair particularly for installing repair inserts into the injury channel of passenger and light truck tires.

Technical Data	
Diameter of needle:	3.91 mm
Handle width:	21.95 mm
Length of tool:	145 mm
Material:	Handle = chrome; Needle = steel
Handle length:	103 mm

The overall length of the needle is 3.50"

TIRE REPAIR TOOLS



Injury Probe

Art. No. 829.911

- Used to clean punctured area for repair



Plastic T-Handled Open Eye Needle

Art. No. 829.917

- Used to insert plug after area has been probed
- Use with **Art. No. 829.331** Magicure Pli-Seal Plug, **Art. No. 829.334/335** Insert Strips, **Art. No. 829.361** Brown Posi-Cord String



Inner Liner Scraper

Art. No. 887.914315

- Hoe style inner liner scraper
- Use together with Buffing Solution, **Art. No. 829.490996** to remove dirt, debris, and mold lubricants from the tire's inner liner prior to repair
- Plastic handle, metal blade
- Total length: 6" (15 cm)
- Handle length: 3 7/8" (9.8 cm)
- Blade length: 3" (7.6 cm)



Flexible Skiving Knife

Overall length	Handle length	Blade length	Blade height	Art. No.
8" (20 cm)	4" (10.2 cm)	3 7/8" (9.8 cm)	1/2" (1.3 cm)	696.800900

- Used for cutting rubber in preparation and finishing of tire repair
- Wooden handle, metal blade

TIRE REPAIR TOOLS



Brass Tire Brush

Overall length	Brush area	Art. No.
7" (17.8 cm)	6 x 9 rows, 1 1/4" x 2 1/4" (3.2 cm x 5.7 cm)	697.9000

- Small brass sidewall tire brush
- Wooden handle



Wire Tire Brush

Art. No. 697.4



Small Cleaning Wire Brush

Art. No. 714.83111



Small Cleaning Brass Wire Brush

Art. No. 714.83112



Ball Bearing Stitcher

Dimensions	Art. No.
3/16" x 1 1/2"	829.914

- Used to roll on edges of the patch to ensure proper seal with the tire surface



Tire Lube Application Swab

Dimensions (length)	Art. No.
11" (280 mm)	829.81556



Tire Paste Brush

Dimensions (length)	Art. No.
8" (20 cm)	829.815561

- Wooden handled tire fitting paste brush
- Convenient angled head keeps hands clean while applying tire fitting paste to bead
- Use with Würth Tire Fitting Paste, **Art. No. 890.1221**

WHEEL & TIRE TOOLS



Valve Insertion Tool

Art. No. 715.5404

Used for tubeless tire valves

- Use to install Prefix 879 (rubber valve stems)
- Length: 280 mm (11")



Valve Core Removal Tool

Art. No. 469.715175

- For use with Schrader valves
- Length: 3"



Valve Core Removal Tool

Art. No. 715.54003

- Removes tire valve cores from standard bore tire valves
- Screwdriver-style handle
- Dimensions: 11.1 cm x 1.7 cm



Valve Core Torque Tool

Art. No. 715.54004

- 4 inch pounds
- Length: 12 cm
- Handle length: 7.5 cm
- Diameter: 2 cm



Tire Tread Depth Gauge

Art. No. 879.998

- Use to determine the remaining tread depth on passenger and light truck tires
- Indicator bar marked with both inches (1/32" increments) and millimetres
- Dimensions: 0.5" x 1" x 3 3/8"

WÜRTH VALVE INSERTION REMOVAL TOOL



Innovative Tool for Removal and Insertion of Tire Valves

Features:

- TPMS compatible
- Ergonomic design
- Lightweight aluminum handle
- Replaceable tool head
- Grooved, non marking rubber cushion

Benefits:

Würth VIRT (Valve Insertion Removal Tool) is the only tool in the market with quick coupling design to remove valve stems easily without the need to thread onto the valve

- Time saving
- Extra light aluminum handle for easy handling
- Ergonomic rubber oval shape is suitable for all types of rims and adapts to all angles
- Engineered to last 7500 cycles without wear of the tool
- Grooved rubber finish prevents damage to the rim
- Thanks to its exclusive head design, there is no need to twist the tool for a safe valve insertion into the rim.

Description	Dimensions	Art. No.	P. Qty.
Würth VIRT	L-30cm	715.5404602	1

Replacement head

715.5404603



Use Art. No. 714.6341 pin punch set to replace tool head

CARBIDE BUFFING WHEEL



- Arbor hole: 3/8" (9.5 mm)
- Buffing wheel adapter dimensions: Shank dia: 1/4", Length: 1 1/2"
- Max. RPM: 2,500

Description	Art. No.
Buffing Wheel 2 1/2"	829.320
Buffing Wheel Adapter (3/8" x 1/2")	829.3245

CARBIDE CUTTERS



A



B

- When a tire gets a puncture, the puncturing object is removed and a carbide cutter is used to "ream out" the injury channel to a round, uniform size while removing broken cables and damaged rubber
- Once the injury channel has been reamed out to this round, uniform size, the corresponding repair insert can be installed to repair the puncture, completely sealing the injury channel
- Maximum recommended operating speed: 2,500 RPM

Description	Size	Length	Photo	Art. No.
Carbide Cutter	7/32"	3"	A	887.914346
Carbide Cutter, with tri-shank	5/16"	4"	B	887.914347

ADAPTER FOR CARBIDE CUTTER



A



B

Quick change adapters

Description	Length	Photo	Art. No.
Adapter for Carbide Cutter with 1/4" (6.3 mm) shank	2"	A	614.176990
Adapter for Carbide Cutter with 5/16" (7.9 mm) shank	2"	B	614.176991

SKIVING BRUSH



- High carbon wire
- Stainless steel shaft
- Wire diameter: 0.005" (+/- 0.001")

Length	Brush Length	Brush Diameter	Shank Dia.	Max. RPM	Art. No.
3"	1"	3/8"	1/4"	2,000	879.14336
3"	1"	1/2"			879.14337

TIRE REPAIR KIT



Art. No. 829.100

Contents: 50 - 4" Fat Brown Inserts, Spiral Cement Probe, Split-Eye Insert Tool with Plastic Handle, 1 jar lubricant, 1 knife, 1 repair booklet

LEAD WHEEL WEIGHTS



EN Series (Polyester Coated)
Prefix 830.200
10g to 50g

- Applications include Mercedes, Honda and Acura (from 1980 to 1989), Audi (from 1997) and VW (from 1997)
- Also used on many aftermarket alloy wheels with thin rim flanges



MCN Series (coated) *
Prefix 830.203
1/4 oz to 3 oz

- Used on most domestic vehicles equipped with alloy rims
- Applications include many brands like Buick, Chevrolet, Chrysler, Ford, Mazda, GM



GY-Universal Steel (uncoated)
Prefix 830.5
1/4 oz to 5 oz

- Special Honda weight used on passenger car steel wheels



LHS Series (Plastic Coated)
Prefix 830.303
1/4 oz to 3 oz

- CHRYSLER LH platform (Intrepid, Concorde, LHS, 300M) Mini Van models Neon, 2001 PT Cruiser
- Sebring & Stratus sedans + convertible.



REG Series (uncoated) *
Prefix 830.111
.25 oz to 4 oz

- The most common weight for steel wheels. Will fit standard-width rim flange thickness passenger car steel wheels with 13" - 17" wheel size.



AWN Series (coated) *
Prefix 830.205
1/4 oz to 3 oz

- Use on domestic vehicles equipped with alloy rims that were manufactured prior to 1995.
- Applications include many brands like Acura, Buick, Chevrolet, Chrysler, Ford, Mazda, GM



IAW Series (coated) *
Prefix 830.207
5g to 60g

- Used on many new Ford models, on most European vehicles and certain Asian vehicles equipped with alloy wheels.
- Applications include many brands like Audi, BMW, Cadillac, Jaguar, KIA, Nissan, Toyota, VW and Volvo



FN Series (coated) *
Prefix 830.209
5g to 60g

- Used on most Japanese vehicles equipped with alloy wheels.
- Applications include many brands like Acura, Honda, Infiniti, Lexus, Nissan and Toyota

Note: The series denoted with * contain updated information and product photos

Note: It is very important that only the LH series weight is used on the above flanges. Other weights can cause slow tire pressure loss or fly off the wheel due to improper fit.

POLYESTER-COATED ZINC WHEEL WEIGHTS

- Lead-free alternative is environmentally friendly and poses no health risks
- Retains the familiar shape and feel of a conventional wheel weight
- Polyester coating completely encapsulates the weight, preventing premature corrosion to aluminum alloy wheels
- Attractive metallic finish

- Excellent for replacement of factory installed coated weights
- OEM approved
- Over 1500 hours of salt spray resistance



FNZS Series
Prefix 832.209
5g to 50g

- Acura, Daewood, Honda, Infiniti, Isuzu
- Lexus, Mazda, Nissan, Toyota



IAWZS Series
Prefix 832.207

- Audi, BMW, Catera, GEO, Hyundai, Jaguar up to 1996, Kia, Mitsubishi, Subaru, Suzuki, Volvo



MCZS Series
Prefix 832.203
1/4 oz to 2 oz

- Ford all from 1985, Chrysler all from 1990-1997, GM increasingly used starting in 1988.

STEEL WHEEL WEIGHTS

- Steel wheel weights offer you an environmentally responsible alternative to lead weights
- A large amount of lead weights are thrown off of wheels every year and contaminate the environment (In the state of Michigan alone, an estimated 60 metric tons of lead is deposited on the streets each year), or they are not removed at the end of a vehicle's life for recycling and contaminate the environment that way

- Lead weights have already been banned in several US states (California, Washington, Maine), and Europe
- These weights do not sacrifice retention or corrosion resistance
- Product type is displayed on the clip for easy identification
- Clips are very precise, and their exact fit to the rim allows for better weight retention
- Rounded clip end keeps the rim from being scratched
- Superior coating for corrosion resistance



TFe Series
Prefix 833.110
5 g to 60 g

- All light truck Chrysler from 1989; all Ford to 1984; all GM to 1987, some from 1988-2000



PFe Series
Prefix 833.111
1/4 oz to 3 oz

- For use on passenger car steel wheels



MCFe Series
Prefix 833.203
1/4 oz to 3 oz

- All Chrysler from 1990-1997, some from 1998; all Ford from 1985; most GM from 1988, all GM from 2000 (except C5 Corvette)

Weight (oz.)	Art. No.	P. Qty.
1/4	833.110.025	25
1/2	833.110.050	
3/4	833.110.075	
1	833.110.100	
1 1/4	833.110.125	
1 1/2	833.110.150	
1 3/4	833.110.175	
2	833.110.200	
2 1/4	833.110.225	
2 1/2	833.110.250	
2 3/4	833.110.275	
3	833.110.300	

Weight (oz.)	Art. No.	P. Qty.
1/4	833.111.025	25
1/2	833.111.050	
3/4	833.111.075	
1	833.111.100	
1 1/4	833.111.125	
1 1/2	833.111.150	
1 3/4	833.111.175	
2	833.111.200	
2 1/4	833.111.225	
2 1/2	833.111.250	
2 3/4	833.111.275	
3	833.111.300	

Weight (oz.)	Art. No.	P. Qty.
1/4	833.203.025	25
1/2	833.203.050	
3/4	833.203.075	
1	833.203.100	
1 1/4	833.203.125	
1 1/2	833.203.150	
1 3/4	833.203.175	
2	833.203.200	
2 1/4	833.203.225	
2 1/2	833.203.250	
2 3/4	833.203.275	
3	833.203.300	



AWFe Series
Prefix 833.205
1/4 oz to 3 oz

- All Chrysler to 1989; all Ford to 1984; all GM from 1987, some from 1988 to 2000



IAWFe Series
Prefix 833.207
5g to 60g

- Audi; BMW; Geo; Hyundai; Jaguar to 1996; Kia; Mitsubishi; Subaru; Suzuki; Volvo



FNFe Series
Prefix 833.209
5g to 60g

- Acura since 1990; Daewoo since 1999; Honda since 1989; Infiniti since 1990; Isuzu since 1997; Lexus since 1990; Mazda since 1990; Nissan since 1990; Toyota since 1990

Weight (oz.)	Art. No.	P. Qty.
1/4	833.205.025	25
1/2	833.205.050	
3/4	833.205.075	
1	833.205.100	
1 1/4	833.205.125	
1 1/2	833.205.150	
1 3/4	833.205.175	
2	833.205.200	
2 1/4	833.205.225	
2 1/2	833.205.250	
2 3/4	833.205.275	
3	833.205.300	

Weight (g)	Art. No.	P. Qty.
5	833.207.005	25
10	833.207.010	
15	833.207.015	
20	833.207.020	
25	833.207.025	
30	833.207.030	
35	833.207.035	
40	833.207.040	
45	833.207.045	
50	833.207.050	
55	833.207.055	
60	833.207.060	

Weight (g)	Art. No.	P. Qty.
5	833.209.005	25
10	833.209.010	
15	833.209.015	
20	833.209.020	
25	833.209.025	
30	833.209.030	
35	833.209.035	
40	833.209.040	
45	833.209.045	
50	833.209.050	
55	833.209.055	
60	833.209.060	

LIGHT TRUCK WHEEL WEIGHTS



T Series (coated) *
Prefix 830.110
.25 oz to 3 oz

- Used on most domestic light trucks equipped with decorative and larger thickness steel wheels and most light-trucks equipped with alloy wheels



I-7 Series
Prefix 831.100
2 oz to 8 oz

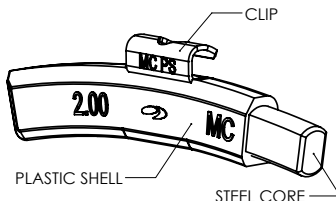
- I-7 uncoated weights for medium and heavy duty trucks equipped with tube type tires.



Tal-S Series
Prefix 831.200
2 oz to 8 oz

- Tal-S Polyester coated for heavy trucks equipped with Alcoa or Accuride tubeless alloy wheels.

PLASTEEL® WHEEL WEIGHTS



0.25 to 3 oz



5 to 60 g



Benefits:

- Plastic overmold acts as a buffer and vibration dampener, allowing for easy application without damage
- OEM recommended coating on steel core and clip surpasses stringent industry standards providing excellent corrosion resistance
- Precise fit against the wheel without gaps and gives the look of a traditional lead weight

A revolutionary steel core clip-on wheel weight encased in a plastic overmold. Lead weights are a major cause of damage to alloy wheels. The reaction, called galvanic corrosion, induced by the contact of lead with the aluminum of the wheel, causes discolouration and pitting of the alloy. This is completely eliminated with Plasteel®.

Features:

- Plastic overmold made from Polypropylene
- Steel core made of AISI 1006 Steel
- Available in six alloy series
- Meets all OEM requirements, having passed specific laboratory tests, from rim retention to chemical resistance, and meets every car manufacturers quality standards
- Fully recyclable
- Scratchless plastic overmold



AW Series
1/4 oz to 3 oz

- Chrysler (all up to 1989), Ford (all from 1984), GM (all up to 1987. Decreasingly used from 1988 to 2000)



MC Series
1/4 oz to 3 oz

- Chrysler (all from 1990 to 1997. Some models changed to LHS in 1998), Ford (all from 1985), GM (increasingly used starting in 1988. As of 2000, only C5 Corvette remains AWS)



T Series
1/4 oz to 3 oz

- Suburban, Yukon, Tahoe (from 2000), Denali & Escalade (use MCS for 2000), Ford (Expedition from 1997, F-100, F-150 from 1997), Lincoln (Navigator from 1998)

Weight (oz.)	Art. No.	P. Qty.
1/4	836.205.025	25
1/2	836.205.050	
3/4	836.205.075	
1	836.205.100	
1 1/4	836.205.125	
1 1/2	836.205.150	
1 3/4	836.205.175	
2	836.205.200	
2 1/4	836.205.225	
2 1/2	836.205.250	
2 3/4	836.205.275	
3	836.205.300	

Weight (oz.)	Art. No.	P. Qty.
1/4	836.203.025	25
1/2	836.203.050	
3/4	836.203.075	
1	836.203.100	
1 1/4	836.203.125	
1 1/2	836.203.150	
1 3/4	836.203.175	
2	836.203.200	
2 1/4	836.203.225	
2 1/2	836.203.250	
2 3/4	836.203.275	
3	836.203.300	

Weight (oz.)	Art. No.	P. Qty.
1/4	836.110.025	25
1/2	836.110.050	
3/4	836.110.075	
1	836.110.100	
1 1/4	836.110.125	
1 1/2	836.110.150	
1 3/4	836.110.175	
2	836.110.200	
2 1/4	836.110.225	
2 1/2	836.110.250	
2 3/4	836.110.275	
3	836.110.300	

PLASTEEL® WHEEL WEIGHTS



FN Series 5 g to 60 g

- Acura (since 1990), Daewoo (since 1999), Honda (since 1989), Infiniti (since 1990), Isuzu (since 1997), Lexus (since 1990), Mazda (since 1990), Nissan (since 1990), Toyota (since 1990)

Weight (g.)	Art. No.	P. Qty.
5	836.209.005	25
10	836.209.010	
15	836.209.015	
20	836.209.020	
25	836.209.025	
30	836.209.030	
35	836.209.035	
40	836.209.040	
45	836.209.045	
50	836.209.050	
55	836.209.055	
60	836.209.060	

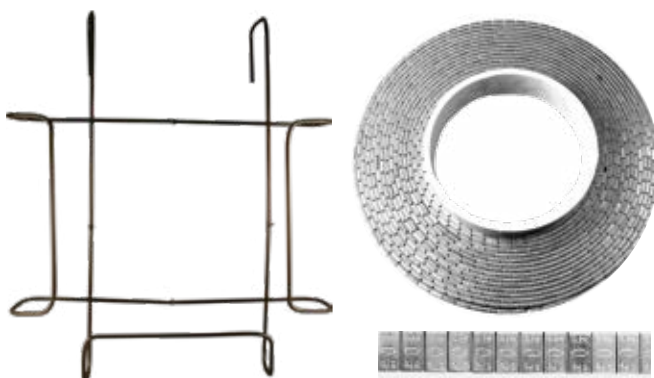


IAW Series 5 g to 60 g

- Audi, BMW Catera, Geo, Hyundai, Jaguar (up to 1996), Kia, Mitsubishi, Subaru, Suzuki, Volvo

Weight (g.)	Art. No.	P. Qty.
5	836.207.005	25
10	836.207.010	
15	836.207.015	
20	836.207.020	
25	836.207.025	
30	836.207.030	
35	836.207.035	
40	836.207.040	
45	836.207.045	
50	836.207.050	
55	836.207.055	
60	836.207.060	

STEEL WHEEL WEIGHTS ON A ROLL



Art. No.	Segment Size	Segments/Roll	Weight (lbs.)
833.14.320	1/4 OZ	1272	20
833.14.420	1/2 OZ	640	20
955.1020	Hanging Rack		
955.10200	Stand		

Note: Articles in red are Special Orders only!

CW: Grey liner adhesive for cold weather.

Advantages

- Fully recyclable
- Only one SKU to carry
- No waste
- Easy to dispense (Simply rip off desired weights)
- Corrosion-tested
- Economical alternative to composite weights

Coating:

- The coating is compliant with most stringent automobile manufacturer's requirements.
- It protects against corrosion, resists discolouration from the sun and car-wash plus much more.
- In addition, to keeping your car looking good, the colour matches that of most wheels commonly use.
- Coating protects wheels
- Uncoated wheel weights are a major cause of unsightly discolouration and degradation of the wheels. Würth's coated wheel weights feature a highly resistant and durable polyester coating which completely encapsulates the weight, thus assuring the protection of the wheel surface. We strongly recommend that these weights be used as they offer continued protection.

Adhesive lining:

Well suited for any vehicle but it offers exceptional adherence in cold temperatures. No need to pre-heat the wheel. Most adhesives are inefficient below 40°F but the CW maintains an optimal bonding power at temperatures as low as 15°F. Save time and money by eliminating the need to heat the wheel when temperatures are below 40°F.

- Sticks on wheels as cold as 15°F (-10°C)
- Save time and money by eliminating the need to heat
- White liner, grey foam

WHEEL WEIGHTS - ADHESIVE ZINC



Adhesive Zinc Wheel Weight Roll

Art. No. 830.14.735

- 1 000 5-gram segments (5 kg total weight)
- Powder-coated surface and dark adhesive tape that is thermally stable up to 180 °C (356 °F)
- Saves time, as lengthy searching and sorting of individual weights is not necessary
- Can be used with any aluminum rims
- Dimensions: 19mm x 13 mm x 4 mm (3/4" x 1/2" x 3/16")



COMPOSITE WHEEL WEIGHT SYSTEM



Features:

- Metal polymer mix lead-free adhesive weight
- Designed to have less impact on the environment
- Corrosion-free feature improves wheel and overall vehicle appearance
- Water resistant, heat resistant, chipping resistant, high pressure car wash resistant, and salt spray
- Precision cut-to-length weights improve balance and vehicle ride quality
- Flexible, conformable material that will apply to any size rim
- Cutting tool measures to exact gram.
- Low Profile - 4mm in height and 7mm in width

Description	Art. No.
Composite wheel weight - 20 lb roll	835.61405
Wheel Weight Kit	835.61400
Cutter for composite wheel weight roll	695.2000

Wheel Weight Kit will include:

- 1 Cutter
- 1 Stand
- 3 Rolls (835.61405)



ADHESIVE WHEEL WEIGHT ROLL CUTTER AND STAND



Art. No. 830.14991

Holder with cutting device for adhesive wheel weight rolls.

- Unrolling and cutting device for adhesive wheel weight rolls.
- Locking mechanism permits fast, intuitive operation.
- Easily view dispensed weights and cut through tape only.
- Holes provided for tabletop and wall mounting.
- Matte black, powder-coated design for daily workshop use.
- Cutting blade, cutting surface and cutting lever can be replaced (Special order).

Contents:

- Locking clip for rolls
- 2 cutting knives

Compatible with 5 gram Prefix 830 & 833 wheel weight rolls.

ADHESIVE WHEEL WEIGHT ROLL STAND



Art. No. 830.14990

Holder for 5-6kg/13lb adhesive wheel weight rolls.

- Suitable for table or wall-mounting.
- Compact design
 - Space-saving mounting directly at the workstation.
 - Mounting only requires 8 x 16cm area.
- Fast and uncomplicated work due to storage at the workstation.
- Store weights with or without outer carton.
- Powder-coated design for daily workshop work.
- Delivered without fastening materials







Compatible with Prefix 830 wheel weight rolls only!

ADHESIVE WHEEL WEIGHT ROLLS

Adhesive weights on a convenient roll

Features:

- With galvanized, additionally powder-coated surface and dark adhesive tape that is thermally stable up to 180°C
- Can be used with any aluminum rims
- Saves time, as lengthy searching and sorting of individual weights is not necessary
- Pull tab edge for less risk of contaminating the tape when removing the liner

Product	Roll Art. No.	Segment Size	Segment Dimension	Segment Coating	Material	Roll Size	Roll Adhesive	Roll P. Qty.
	830.905001	1/4 oz.	12mm x 19mm x 4.5mm	Clear Zinc	Steel	13 lbs.	S	1
	830.906201			Grey				
	830.906225			Black				
	830.906501	1/2 oz.	24mm x 19mm x 4.5mm	Grey		6 kg		
	830.906001	5 g	11mm x 19mm x 3.5mm	Grey				
	830.906101			Black				

Adhesive S = Cold Weather

Adhesive Weights now come in 3 easily distinguishable colours!











ADHESIVE WHEEL WEIGHT STRIPS

Adhesive weights on an easy to use strip!

Features:

- Unconnected individual weights, no cutting edges during cut-off
- With dark adhesive tape that is thermally stable up to 180°C
- A clean peel premium cold weather tape will not break apart or leave sticky residue
- Pull tab edge for less risk of contaminating the tape when removing the liner

Product	Strip Art. No.	Segment Size	Segment Dimension	Segment Coating	Material	Strip Description	Strip Adhesive	Strip P. Qty.
	830.901105	5/10 g	5g: 18mm x 19mm x 3.5mm; 10g: 26mm x 19mm x 3.5mm	Grey	Zinc	5g/10g alternating segments, 45g total strip weight	N	50
	830.909025	1/4 oz.	12mm x 19mm x 4.5mm	Clear Zinc	Steel	12 x 1/4 oz individual segments on a strip, 3 oz total weight		48
	830.911025			Grey				
	830.909125			Black				
	830.905150	1/2 oz.	24mm x 19mm x 4.5mm	Grey	Steel	6 x 1/2 oz individual segments on a strip, 3 oz total weight		
	830.910150			Black				
	830.911105		11mm x 19mm x 3.5mm	Grey		12 x 5g individual segments on a strip, 60g total weight		50
	830.911250			Black				

Adhesive Weights now come in 3 easily distinguishable colours!



Adhesive N = Premium Cold Weather

Adhesive S = Cold Weather

ADHESIVE WHEEL WEIGHTS



- Used on all after-market sport wheels
- For passenger cars and motorcycles
- Ideal for racing and off road applications
- No cutting and pre-contouring
- Strong adhesive backing strip
- Special adhesive offers high performance in cold temperatures
- Weights can be applied to wheels in cold temperatures, down to -10 °C (15 °F).
- Save time and money by eliminating the need to heat the wheel in cool temperatures



Img.	Desc.	Material	Weight/segment	Dimensions (strip)	Dimensions (segment)	Temp. Resistance	Art. No.	P. Qty. (strips)
A	Standard, reduced middle web	Coated Lead	2 oz.	1 1/4" x 6"	1 1/4" x 7/8" x 1/4"	100 °C (225 °F)	830.14.330	15
B	Standard profile, reduced middle web	Coated Lead	1/2 oz.	6"	3/4" x 7/16" x 1/4"		830.14.315	30
C	Standard profile, reduced middle web	Coated Lead	1 oz.	6"	3/4" x 15/16" x 1/4"		830.14.320	15
D	Narrow profile, pre-cut	Coated Lead	1/4 oz.	6"	1/2"		830.014.60	30
E	Low profile, pre-cut	Coated Lead	1/4 oz. (7 g)	6"	3/16" x 3/4" x 1/2"	80 °C (175 °F)	830.14.305	30
							830.14.30552	52
F	Reduced middle web	Coated Zinc	3 x 5 g 3 x 10 g	105 x 15 x 5.5mm	1.5 x 1.2 x 0.6 cm 1.5 x 2.1 x 0.6 cm	180 °C (356 °F)	830.14.60	10
G	Low profile pre-cut, Black	Coated Lead	1/4 oz.	3/4" x 6"	3/4" x 7/16" x 1/8"	80 °C (175 °F)	830.14.3100	30
H	Low profile, pre-cut, Black	Coated Steel	5 g	5 1/2"	3/4" x 7/16" x 1/8"		830.14.30501	30
I	Low profile, pre-cut	Coated Lead	1/4 oz.	.1562" x .75"	1/2" x 11/16" x 3/32"	-30 °C -100 °C	830.14.3052	52
J	Low profile, pre-cut	Coated Steel	1/4 oz.	.75"	.80 x .050 x .019 cm	-30 °C -100 °C	833.14.3050	48
K	Low profile, pre-cut	Coated Steel	1/4 oz.	7 1/4"	3/4" x 5/8" x 1/8"	100 °C (225 °F)	830.14.3050	30

WHEEL WEIGHT - ADHESIVE



CC Series (Coated) *
Prefix 830.100
5g to 60g

- Original part of Porsche, VW, Volvo
- Low profile premium zinc adhesive wheel weight can be used where standard profile does not provide sufficient clearance area to brake and steering parts
- OEM quality coating material & highest corrosion protection
- Siliconized liner for quick removal with adhesive strength of at least 43lbs/in²



Standard Profile Premium Zinc Adhesive Weight *
Prefix 830.16
5g to 60g

- Features Grid-Bridge technology (TM) whereby the segments are connected with two narrow steps for easier and faster mounting.
- Used by OEMs like Audi, Daimler, Chrysler and Land Rover
- OEM quality coating material & highest corrosion protection
- Siliconized liner for quick removal adhesive strength of at least 43lbs/in²

PRE-SEGMENTED ADHESIVE WEIGHTS



*Not actual size

Segment Weight	Material	Finish	Adhesive	Art. No.	P. Qty.
5 g	Zinc	Silver-Grey Coated	S	830.900005	100
10 g				830.900010	
15 g				830.900015	
20 g				830.900020	
25 g				830.900025	
30 g				830.900030	50
35 g				830.900035	
40 g				830.900040	
45 g				830.900045	

Adhesive S = Cold Weather

Features:

- Unconnected individual weights
- With dark adhesive tape that is thermally stable up to 180°C
- Will fit the tightest constraints for calliper clearance: only 4mm tall
- A clean peel premium cold weather tape will not break apart or leave sticky residue
- Pull tab edge for less risk of contaminating the tape when removing the liner
- Curved

TIRE BALANCING BEADS



Internal Wheel & Tire Balancing Compound

Due to its patented electrostatic technology, Würth Balancing Beads hold the out of balance position inside the tire when the vehicle moves slowly, stops, starts and turns. Würth Balancing Beads provide a 100% true balance of not only the tire and wheel, but the entire wheel assembly.

Advantages:

- For use with all tubeless and tube-type tires
- Use on all wheel positions
- Replaces standard lead wheel weights
- Better for the environment, as lead weights often falls off
- Safer for technicians
- Continually readjusts to the balancing point of the wheel
- Reduces vibrations that result in chassis and suspension wear
- Increased tire foot traction improving handling
- Decreased tire wear
- Reduced rolling resistance leading to increased fuel efficiency
- Prolonged life of wheel assembly parts by cutting down on wear and tear due to excessive vibrations
- No dust or dust related problems
- Increased fuel economy
- Will not contaminate the bead seating area

Features:

- Glass beads are coated to resist the effects of moisture or tire lube
- Won't clump
- Contains no powders
- TPMS Compatible
- Allows the use of an Air Blaster
- Will not react with any known chemicals

*Each Bag Includes

- 1 Valve Cap &
- 1 Valve Core Stem

*Sizes can be combined to suit application needs

*Always refer to application charts

Recommended Applications	Weight	Number of Sachets per Package	Art. No.	P. Qty.	Case Art. No.	Case Qty.
Motorcycles/ATV	1 oz.w	4	822.016301	1	822.016301B	40 bags/160 sachets
	2 oz.		822.016302		822.016302B	32 bags/128 sachets
	3 oz.		822.016303		822.016303B	24 bags/96 sachets
Passenger Vehicles/ Light trucks	4 oz.	1	822.016304	1	822.016304B	92 bags/sachets
	6 oz.		822.016306		822.016306B	64 bags/sachets
	8 oz.		822.016308		822.016308B	52 bags/sachets
	10 oz.		822.016310		822.016310B	40 bags/sachets
	12 oz.		822.016312		822.016312B	36 bags/sachets
Light - Medium & Heavy Trucks	14 oz.	1	822.016314	1	822.016314B	42 bags/sachets
	16 oz.		822.016316		822.016316B	28 bags/sachets
	20 oz.		822.016320		822.016320B	24 bags/sachets

Note: For proper installation, it is recommended to install balancing beads with the Würth Injector Tool - Art. No. 822.0200

Use:

1. Open the outer bag
2. Remove the inner bag and place the pre-measured inner bag inside the tire before inflating
3. The pressure inside the tire will collapse the bag containing the beads, or it will break soon after inflation
4. The beads will automatically balance the complete wheel assembly

- To reduce the possibility of a valve leak, it is recommended to use the provided Würth valve core and a self-sealing valve cap
- For inner tube-type tires, inject the beads through the valve stem using the approved Würth Injector Tool and follow safety instructions

TIRE BALANCING BEADS

Application Chart by Tire

For Passenger Vehicles, Light and Medium Trucks

Tire Size	1/2 Ton	1 Ton +
Pass. vehicle/ Light Truck		
14"		
215/75R14	3 oz.	4 oz.
205/70R14	3 oz.	4 oz.
215/70R14	3 oz.	4 oz.
15"		
700R15		4 oz.
7.50R15		6 oz.
8.25R15		6 oz.
9R15		8 oz.
10R15		8 oz.
215/80R15	3 oz.	4 oz.
195/75R15	3 oz.	4 oz.
205/75R15	3 oz.	4 oz.
215/75R15	3 oz.	4 oz.
225/75R15	4 oz.	4 oz.
235/75R15	4 oz.	4 oz.
245/75R15	4 oz.	4 oz.
255/75R15	3 oz.	4 oz.
265/75R15	3 oz.	4 oz.
235/70R15	3 oz.	4 oz.
245/70R15	3 oz.	4 oz.
255/70R15	3 oz.	4 oz.
265/70R15	4 oz.	4 oz.
285/70R15	4 oz.	4 oz.
315/70R15	4 oz.	5 oz.
245/65R15	3 oz.	4 oz.
225/60R15	3 oz.	4 oz.
325/60R15	4 oz.	5 oz.
15.5"		
185/70R15.5	3 oz.	4 oz.
16"		
6.50R16		4 oz.
7.50R16		4 oz.
8.25R16		6 oz.
11R16		8 oz.
215/85R16	3 oz.	4 oz.
225/85R16	3 oz.	4 oz.
235/85R16	3 oz.	4 oz.
245/85R16	3 oz.	4 oz.
255/85R16	4 oz.	5 oz.
265/85R16	4 oz.	5 oz.
275/85R16	4 oz.	5 oz.
205/80R16	3 oz.	4 oz.
325/80R16	4 oz.	6 oz.
175/75R16	3 oz.	4 oz.
195/75R16	3 oz.	4 oz.
225/75R16	3 oz.	4 oz.
235/75R16	3 oz.	4 oz.

245/75R16	3 oz.	4 oz.
265/75R16	4 oz.	6 oz.
285/75R16	4 oz.	6 oz.
295/75R16	4 oz.	6 oz.
315/75R16	4 oz.	6 oz.
215/70R16	3 oz.	4 oz.
225/70R16	3 oz.	4 oz.
235/70R16	3 oz.	4 oz.
245/70R16	3 oz.	4 oz.
255/70R16	3 oz.	4 oz.
265/70R16	3 oz.	4 oz.
275/70R16	3 oz.	4 oz.
305/70R16	3 oz.	4 oz.
315/70R16	4 oz.	6 oz.
355/70R16	5 oz.	6 oz.
365/70R16	5 oz.	6 oz.
395/70R16	5 oz.	6 oz.
195/65R16	3 oz.	4 oz.
215/65R16	3 oz.	4 oz.
225/65R16	3 oz.	4 oz.
245/65R16	3 oz.	4 oz.
255/65R16	3 oz.	4 oz.
305/65R16	3 oz.	4 oz.
345/65R16	5 oz.	6 oz.
375/65R16	5 oz.	6 oz.
215/60R16	3 oz.	4 oz.
225/60R16	3 oz.	4 oz.
235/60R16	3 oz.	4 oz.
285/60R16	3 oz.	4 oz.
255/55R16	3 oz.	4 oz.
315/55R16	3 oz.	4 oz.
345/55R16	3 oz.	5 oz.
355/55R16	3 oz.	5 oz.
375/55R16	4 oz.	6 oz.
245/50R16	3 oz.	4 oz.
16.5"		
8R16.5	5 oz.	5 oz.
8.75R16.5	6 oz.	6 oz.
9.5R16.5	6 oz.	6 oz.
10R16.5	6 oz.	6 oz.
12R16.5	8 oz.	8 oz.
17"		
235/80R17	6 oz.	6 oz.
235/75R17	6 oz.	6 oz.
245/75R17	6 oz.	6 oz.
255/75R17	6 oz.	6 oz.
285/75R17	6 oz.	8 oz.
245/70R17	4 oz.	6 oz.
255/70R17	4 oz.	6 oz.
265/70R17	6 oz.	6 oz.

275/70R17	6 oz.	6 oz.
285/70R17	6 oz.	6 oz.
305/70R17	6 oz.	8 oz.
315/70R17	6 oz.	8 oz.
355/70R17	6 oz.	8 oz.
225/65R17	3 oz.	4 oz.
235/65R17	3 oz.	4 oz.
245/65R17	3 oz.	4 oz.
255/65R17	3 oz.	5 oz.
265/65R17	4 oz.	6 oz.
305/65R17	4 oz.	6 oz.
375/65R17	6 oz.	8 oz.
225/60R17	3 oz.	4 oz.
235/60R17	3 oz.	4 oz.
255/60R17	4 oz.	6 oz.
275/60R17	4 oz.	6 oz.
285/60R17	4 oz.	6 oz.
225/55R17	3 oz.	4 oz.
255/55R17	3 oz.	4 oz.
275/55R17	3 oz.	5 oz.
345/55R17	3 oz.	5 oz.
255/50R17	3 oz.	4 oz.
17.5"		
8R17.5	5 oz.	5 oz.
8.5R17.5	6 oz.	6 oz.
9R17.5	6 oz.	6 oz.
9.5R17.5	8 oz.	8 oz.
10R17.5	8 oz.	8 oz.
11R17.5	8 oz.	8 oz.
225/90R17.5	8 oz.	8 oz.
205/80R17.5	8 oz.	8 oz.
225/80R17.5	8 oz.	8 oz.
205/75R17.5	6 oz.	6 oz.
215/75R17.5	6 oz.	6 oz.
225/75R17.5	6 oz.	6 oz.
235/75R17.5	6 oz.	6 oz.
245/75R17.5	6 oz.	6 oz.
195/70R17.5	6 oz.	6 oz.
215/70R17.5	6 oz.	6 oz.
235/70R17.5	6 oz.	6 oz.
195/60R17.5	6 oz.	6 oz.
205/60R17.5	6 oz.	6 oz.
225/60R17.5	6 oz.	6 oz.
18"		
7.50R18	8 oz.	8 oz.
255/70R18	3 oz.	5 oz.
265/70R18	3 oz.	5 oz.
275/70R18	4 oz.	6 oz.
275/65R18	4 oz.	6 oz.
285/65R18	4 oz.	6 oz.

325/65R18	4 oz.	6 oz.
355/65R18	4 oz.	6 oz.
395/65R18	6 oz.	8 oz.
245/60R18	3 oz.	4 oz.
255/60R18	3 oz.	5 oz.
265/60R18	3 oz.	5 oz.
275/60R18	4 oz.	6 oz.
285/60R18	4 oz.	6 oz.
325/60R18	4 oz.	6 oz.
375/60R18	6 oz.	8 oz.
395/60R18	6 oz.	8 oz.
255/55R18	3 oz.	4 oz.
275/55R18	3 oz.	4 oz.
285/55R18	3 oz.	4 oz.
285/50R18	3 oz.	4 oz.
375/50R18	4 oz.	6 oz.
19"		
255/55R19	3 oz.	4 oz.
255/50R19	3 oz.	4 oz.
275/45R19	3 oz.	4 oz.
285/45R19	3 oz.	4 oz.
20"		
325/75R20	6 oz.	8 oz.
275/65R20	4 oz.	6 oz.
275/60R20	4 oz.	6 oz.
325/60R20	4 oz.	6 oz.
355/60R20	5 oz.	6 oz.
275/55R20	3 oz.	4 oz.
285/55R20	3 oz.	4 oz.
255/50R20	3 oz.	4 oz.
285/50R20	3 oz.	4 oz.
305/50R20	4 oz.	6 oz.
325/50R20	4 oz.	6 oz.
355/50R20	4 oz.	6 oz.
325/45R20	4 oz.	6 oz.
275/40R20	4 oz.	6 oz.
315/35R20	4 oz.	6 oz.
22"		
325/55R22	5 oz.	6 oz.
335/55R22	5 oz.	6 oz.
325/50R22	4 oz.	6 oz.
305/45R22	4 oz.	6 oz.
305/40R22	4 oz.	6 oz.
385/35R22	3 oz.	5 oz.
24"		
325/45R24	4 oz.	6 oz.

*Sizes can be combined to

suit application needs

*Always refer to application charts

TIRE BALANCING BEADS

Application Chart by Tire For Light , Medium and Heavy Trucks

Tire Size	Single	Dual
Off-Road/ Deep Thread Tires		
14"		
27/8.50R14	3 oz.	
15"		
29/9.50R15	4 oz.	
30/9.50R15	4 oz.	
33/9.50R15	6 oz.	
31/10.50R15	4 oz.	
33/10.50R15	6 oz.	
31/11.50R15	4 oz.	
32/11.50R15	6 oz.	
31/12.50R15	5 oz.	
32/12.50R15	6 oz.	
33/12.50R15	6 oz.	
35/12.50R15	6 oz.	
36/12.50R15	8 oz.	
37/12.50R15	8 oz.	
35/13.50R15	8 oz.	
31/14.50R15	6 oz.	
33/14.50R15	8 oz.	
36/14.50R15	10 oz.	
38/15.50R15	10 oz.	
33/16.50R15	8 oz.	
36/16.50R15	10 oz.	
40/17B15	10 oz.	
44/18.50B15	12 oz.	
16"		
32/9.50R16	6 oz.	
35/10.50R16	6 oz.	
31/12.50R16	6 oz.	
32/12.50R16	6 oz.	
33/12.50R16	6 oz.	
34/12.50R16	6 oz.	
35/12.50R16	6 oz.	
36/12.50R16	8 oz.	
37/12.50R16	8 oz.	
33/14.50R16	8 oz.	
36/14.50R16	10 oz.	
38/15.50R16	10 oz.	

16.5"		
31/10.50R16.5	4 oz.	
33/12.50R16.5	6 oz.	
35/12.50R16.5	6 oz.	
37/12.50R16.5	8 oz.	
33/14.50R16.5	8 oz.	
35/14.50R16.5	8 oz.	
38/15.50R16.5	10 oz.	
33/16.50R16.5	8 oz.	
36/16.50R16.5	10 oz.	
40/17B16.5	10 oz.	
44/18.50B16.5	12 oz.	
33/12.50R17	6 oz.	
35/12.50R17	6 oz.	
37/12.50R17	8 oz.	
37/13.50R17	10 oz.	
40/13.50R17	10 oz.	
18"		
35/12.50R18	6 oz.	
37/12.50R18	8 oz.	
20"		
35/12.50R20	6 oz.	
37/12.50R20	8 oz.	
Medium Trucks		
19.5"		
8R19.5	6 oz.	8 oz.
9R19.5	6 oz.	8 oz.
18R19.5	14 oz.	
280/75R19.5	8 oz.	
285/75R19.5	8 oz.	
225/70R19.5	6 oz.	8 oz.
245/70R19.5	6 oz.	8 oz.
265/70R19.5	8 oz.	8 oz.
275/70R19.5	8 oz.	10 oz.
285/70R19.5	8 oz.	10 oz.
305/70R19.5	10 oz.	12 oz.
385/65R19.5	12 oz.	14 oz.
445/65R19.5	14 oz.	

20"		
7.50R20	8 oz.	10 oz.
8.25R20	8 oz.	10 oz.
9.00R20	10 oz.	12 oz.
10.00R20	10 oz.	12 oz.
11.00R20	12 oz.	14 oz.
12.00R20	12 oz.	14 oz.
12.5R20	12 oz.	14 oz.
13/80R20	12 oz.	14 oz.
14/80R20	12 oz.	14 oz.
14.00R20	16 oz.	16 oz.
365/80R20	16 oz.	16 oz.
395/80R20	16 oz.	16 oz.
20.5"		
525/65R20.5	20 oz.	
615/65R20.5	20 oz.	
22"		
10.00R22	12 oz.	
11.00R22	12 oz.	
22.5"		
9R22.5	8 oz.	10 oz.
10R22.5	8 oz.	10 oz.
11R22.5	10 oz.	12 oz.
12R22.5	12 oz.	14 oz.
13R22.5	12 oz.	
15R22.5	12 oz.	
16R22.5	14 oz.	
16.5R22.5	14 oz.	
18R22.5	16 oz.	
235/80R22.5	6 oz.	8 oz.
255/80R22.5	8 oz.	10 oz.
275/80R22.5	10 oz.	12 oz.
295/80R22.5	12 oz.	14 oz.
315/80R22.5	14 oz.	
365/80R22.5	14 oz.	
245/75R22.5	8 oz.	10 oz.
265/75R22.5	8 oz.	10 oz.
285/75R22.5	10 oz.	12 oz.
295/75R22.5	10 oz.	12 oz.

22.5"		
315/75R22.5	12 oz.	
345/75R22.5	12 oz.	
350/75R22.5	14 oz.	
235/70R22.5	6 oz.	8 oz.
255/70R22.5	8 oz.	10 oz.
11/70R22.5	8 oz.	10 oz.
265/70R22.5	8 oz.	10 oz.
275/70R22.5	10 oz.	12 oz.
305/70R22.5	10 oz.	12 oz.
315/70R22.5	10 oz.	12 oz.
365/70R22.5	12 oz.	
365/65R22.5	12 oz.	
385/65R22.5	12 oz.	
425/65R22.5	14 oz.	
445/65R22.5	16 oz.	
285/60R22.5	10 oz.	
295/60R22.5	10 oz.	
305/60R22.5	10 oz.	
315/60R22.5	10 oz.	
385/55R22.5	12 oz.	
455/55R22.5	16 oz.	
275/50R22.5	10 oz.	12 oz.
445/50R22.5	16 oz.	
24"		
11.00R24	14 oz.	
12.00R24	14 oz.	
14.00R24	16 oz.	
445/70R24	16 oz.	
495/70R24	16 oz.	
24.5"		
11R24.5	10 oz.	12 oz.
12R24.5	14 oz.	14 oz.
285/75R24.5	10 oz.	12 oz.
305/75R24.5	10 oz.	12 oz.
315/75R24.5	10 oz.	12 oz.
275/80R24.5	10 oz.	12 oz.
295/80R24.5	10 oz.	12 oz.

* Sizes can be combined to suit application needs

* Always refer to application charts

TIRE BALANCING BEADS

Weight	Tire Width - FRONT
1 oz.	80 - 120mm
2 oz.	80 - 120 mm w/spoked wheels
2 oz.	80 - 120 mm (BMW Telelever only)
2 oz.	130 mm

Weight	Tire Width - REAR
2 oz.	130 - 240 mm
3 oz.	250 - 360 mm
3 oz.	195 - 205 mm car tires on the rear

Weight	Dual Purpose / Off Road with Rim Lock
	Tire Width - FRONT
2 oz.	80 - 120mm
	Tire Width - REAR
3 oz.	130 - 230mm

Weight	Scooters
1 oz.	10" diameter wheels
2 oz.	12" & Up diameter wheels

Weight	Art. No.
1 oz.	822.016301
2 oz.	822.016302



Motorcycle Application Chart

Use:

- Always Refer to the application chart
- 1 oz., 2 oz. & 3 oz. are not drop in bags. They must be opened before installation or poured into the tire during mounting.

To achieve maximum results it is important to use the proper package size for each tire. As a rule of thumb, the amount of balancing beads required per tire is based on one ounce per thirteen pounds of tire. If you are not using an applicator and pouring the contents of the bag directly into the tire it is imperative that none of the contents of the bag ends up on the bead seating area of the tire and rim. If you are using the throw-in bag, open and discard outside bag only and throw clear inner bag containing the beads directly inside tire cavity. Würth Canada Limited does not accept any responsibility for air loss or tire damage due to improper installation or air check. In order to reduce the possibility of valve leaks, the use of a long valve core or valve core filter and a metal valve cap is recommended.

*Sizes can be combined to suit application needs

*Always refer to application charts

*For thin tires with wire spokes & tube - Please add an additional 1 oz.

BALANCING BEADS INJECTOR TOOL



Art. No. 822.0200

Offers a fast and easy way to inject Würth balancing beads into vehicle tires through the valve stem.

Features:

- Attaches to air shop supply
- 3ft braided hose
- Quality tested manufacture approved equipment
- Rated for 150PSI

Benefits:

- Fast and easy way to inject beads
- Allows injection without tire/wheel dismount
- Balances a wheel in under 3 minutes



Note: Always wear safety goggles and follow instructions

WHEEL WEIGHT TOOLS



Art. No. 695.391885

Wheel Weight Pliers

- Has cropping facility and hub cap remover
- For fixing and removing of wheel weights
- Spreading and squeezing of retaining springs



Art. No. 714.541221

Adhesive Wheel Weight Remover Tool

- Effortless removal of adhesive wheel weights and residue
- No scratching of alloy wheels due to GFK material
- Scraping blade can be resharpened
- Blade Width: 22 mm; Length: 280 mm



Art. No. 830.050

Heavy Duty Wheel Weight Installer Tool

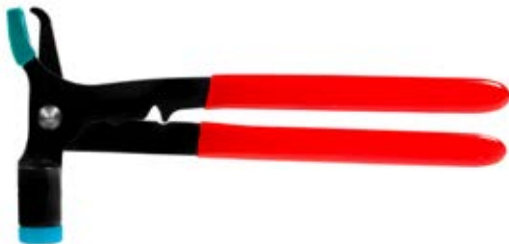
- Strong hinge point and claw point
- Used to hammer standard weight on the rim and remove old weight
- Built in cutter can be used if the weight needs to be trimmed (ie: adhesive weights, for trimming lead weights only)
- Not recommended for coated wheel weights



Art. No. 830.025

25K Installation Tool

- Has cropping facility and hub cap remover
- For installing and removing of wheel weights
- Installation/removal of retaining clips
- Length: 9 1/2"



Art. No. 830.075

Non-Marking Heavy Duty Wheel Weight Installer Tool

- Plastic tip protects the rim during wheel weight removal
- Replaceable head protects the coating on the wheel weight during installation



Art. No. 830.0751

Replacement Tip for Art. No. 830.075

MOUNT/DEMOUNT HEADS



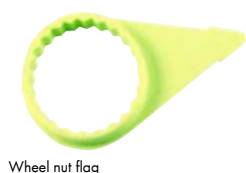
The mount/demount heads are uniquely shaped like a duckhead with a tapered bill, to fit next to and surround the rim of a wheel on a tire mounter.

The Duckhead mounts and demounts the tire from the wheel. The plastic mount/demount head provides a softer contact with the rim while mounting and removing tires, which helps prevent scratches and damage to expensive rims.

Description	OEM	OEM Part No.	Tire Change Model	Art. No.
Nylon Duckhead Kit with Tapered Hole	Coats	8183061	5030, 5040, 5050, 5060, 5065, 6050, 6060, 6065, 7050, 7055, 7060, 7065, 7655, 7660, 7665	W341.600079
Nylon Duckhead with Round Hole (Head Only)	All Tool Coats Corgi Hofmann Hunter Sice	G3008403 83008403 450310 8314813 RP11-8314813 8314813	RC 1, 5, 10, 15, 20, Early 5060, 9010, 9024, APX90 All Rim Clamp (Optional Accessory) All Earlier Models Except 1550, 1620, 1625 TCX Series M39, S40, S41, S42, S43, S45, S408MAXI, S435, S436, S436TOP	W341.600080
Nylon Duckhead	Accuturn Hunter	SM102529 RP60343B	220A, All other models require adapter TC 250, TC 300, TC325	W341.600081



WHEEL NUT FLAG



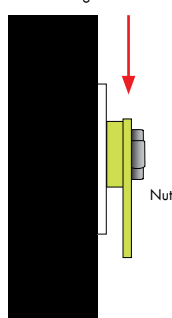
Wheel nut flag

Side View of wheel with Wheel nut flag on the nut



Front view of wheel with wheel flags on all nuts

Wheel nut flag collar



Nut

Features:

- The wheel nut flag product is a brightly coloured, flat plastic pointer shaped device that fits tightly over a vehicle wheel nut and is positioned in a uniform pattern
- It is designed to identify any movement of the nut and any excessive over heating at the wheel end
- There are two principal causes of vehicle wheel detachments, the first is the loosening of wheel nuts which would be recognized by the loose wheel nut indicator "pointer" moving out of its original set pattern
- The second cause of wheel detachment is caused by excessive heat due to brake or wheel bearing failure
- Excessive heat would cause the indicator to deform and eventually melt
- The vehicle operator can now spot "at a glance" any serious trouble that has started to develop with the vehicle wheel

Material:

- The product is manufactured from polyethylene and is UV stable

Application:

- The product is manufactured in several sizes to fit all trucks from minis to giant transports
- There are ten various sizes from 20.5 mm to 40.5 mm in width

Note: For accuracy, please check nut size with socket wrench

Metric	Standard	Art. No.	Typical Applications
20.5 mm	13/16"	879.010050	Cube vans-courier style vehicles
22 mm	7/8"	879.010051	Smaller courier units & GMC flanged cap of flat nut
31 mm	1 1/4"	879.01005355	Heavy duty trailers-spoke style wheels
33 mm	1 5/16"	879.010055	Trucks with hub-pilot wheels(Budd Uni-mount-10 stud hub piloted wheel and GM buses)
38.1 mm	1 1/2 "	879.010057	Motor wheel-8 stud hub piloted wheel & cone locknut (Transit buses and new pointed nuts)

TIRE VALVE SPECS AND MEASUREMENTS

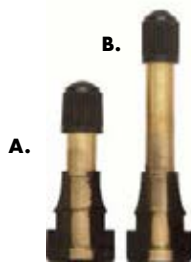
Würth's High Pressure Snap-In Valve Stems have been manufactured with a unique "collar" design at the base of the brass insert which anchors the brass into the rubber base. The collar is inside the tire, making it impossible for the brass to blow out during severe hot or cold temperatures. Würth valves are manufactured using only the highest quality materials. Made of EPDM rubber, the valve base will not crack, split, or weather due to ozone and harsh environmental conditions as do competitive products.

Competitor High Pressure Snap-In Valves



No Collar, Straight Brass Insert

Würth High Pressure Snap-In Valves



Collar at base of brass insert (inside tire)

- Will not blow out in severe heat or cold

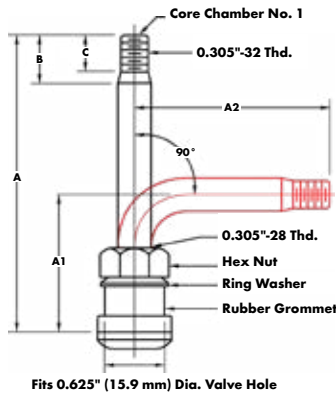
Tubeless Snap-In Type Valves For Use to 100 PSI Cold Inflation Pressure Maximum

Tire and Rim Association Standard

- Recommended maximum rim thickness at valve hole for the above snap-in type valves is 0.205". For usage beyond this limit consult valve manufacturer.
- Valve holes for the above valves must conform to standards
- Not to be used with metal valve extensions.
- Valve core: TR C1
- In the case of applications above 210 km/h (130 mph) it is recommended to use a clamp-in valve instead of snap-in valve.

	Art. No.	Valve Hole Dia.	C (Max.)	D (Ref.)	E	F (Max.)	G (Max.)
A.	879.600	0.453"	0.69"	1.27"	0.79"	0.32"	0.54"
B.	879.602	0.453"	0.69"	2.00"	1.52"	0.32"	0.54"

BRASS VALVES FOR HEAVY TRUCKS



Fits 0.625" (15.9 mm) Dia. Valve Hole

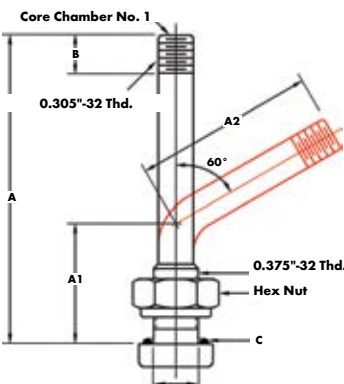


Features:

- For steel wheels with a 5/8" (15.9 mm) valve hole
- Recommended installation torque: 45 - 55 inch-pounds
- Maximum PSI: 200
- Valve core: TR-C1

Valve type	A	A1	A2	B	C	Art. No.
Straight	1.50" (38.1 mm)	N/A	N/A	0.47" (11.9 mm)	0.33" (8.4 mm) min.	879.501
Straight	3.75" (95.2 mm)	N/A	N/A	0.47" (11.9 mm)	0.33" (8.4 mm) min.	879.572

NICKEL PLATED BRASS VALVES FOR HEAVY TRUCKS



Fits 0.382" to 0.394" (9.7 mm to 10 mm) Dia. Valve Hole



Features:

- For rim thickness of 0.218" (5.6 mm) to 0.410" (10.4 mm) at valve hole
- Fits 0.382" to 0.394" (9.7 mm to 10.0 mm) diameter valve hole
- Recommended installation torque: 80 - 125 inch-pounds
- Valve core: TR-C1

Valve type	A	A1	A2	B	C	Art. No.
60° Bend	N/A	0.98" (24.9 mm)	2.52" (64.0 mm)	0.33" (8.4 mm) min.	O-Ring	879.545
60° Bend	N/A	0.98" (24.9 mm)	1.88" (47.8 mm)	0.33" (8.4 mm) min.	Grommet	879.554
60° Bend	N/A	0.98" (24.9 mm)	2.52" (64.0 mm)	0.33" (8.4 mm) min.	Grommet	879.555

TIRE VALVES



Quality snap-in tire valves for everyday use

Features:

- Made of quality EPDM rubber
- High quality brass valve stem
- Shipped assembled with quality valve core and cap
- Each valve individually leak tested before shipping
- Meets TUV and ETRO standards

TR No.	Operating Pressure	Rim Hole Diameter	Length	Art. No.	P. Qty.
413	0-65 psi	0.453"	1.25"	879.041030	50
				879.041030B	500
414		0.453"	1.50"	879.041038	50
				879.041038B	500
415		0.625"	1.25"	879.041031	50
418		0.453"	2.00"	879.041049	50



Metal Bolt-In Tire Valves

Application: Passenger, Light Truck and SUV Wheels

Art. No.	Box. Qty.	Sizes and Finishes	Rim Hole Dia.	Speed Rating	Operating Pressure	TR No.
879.416	25	Nickel, 1 1/2"	0.453/ 0.625"	All	0-150 psi	416
879.428	1	Chrome, 1 1/4"	0.453	All	0-150 psi	-
879.573	100	Brass, 4 3/8"	0.625"	All	0-150 psi	573



High Pressure Snap-In Tire Valves

Application: Passenger, Light Truck and SUV Wheels

Art. No.	Box Qty.	Sizes and Finishes	Rim Hole Dia.	Speed Rating	Operating Pressure	TR. No.
879.600	25	1 1/4"	0.453"	J - U	0-100 psi	600HP
879.602*	25	2"	0.453"	J - U	0-100 psi	602HP

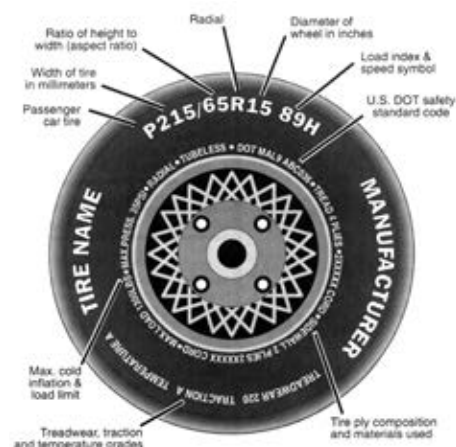
SNAP-IN TIRE VALVE



Art. No. 879.174131

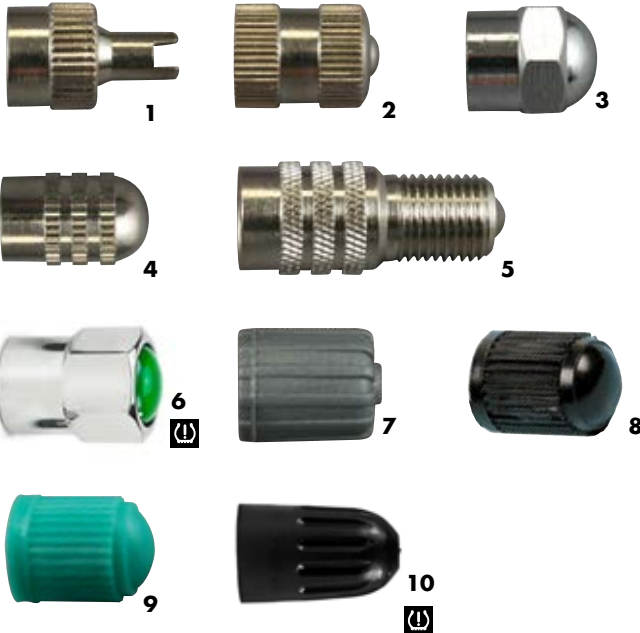
Chrome Snap In Tire Valve

- TR# 413
- 1 1/4" Valve with chrome sleeve and cap
- Use in passenger wheels with a maximum cold inflation pressure of 65 psi and maximum rim thickness of 0.156"
- Fits 0.453" valve holes



* maximum rim thickness: 0.205"

VALVE CAPS



No.	Description	TR No.	Art. No.	P. Qty.
1	Metal screwdriver cap	VC-2	879.17491	100
2	Long skirted metal dome cap with high temp. silicone gasket	VC-3	879.17492	
3	Chrome hex head valve cap with high temp. silicone gasket	-	879.17493	
4	Heavy duty metal truck dome cap with high temp. silicone gasket	-	879.17494	
5	Double seal valve cap for better air retention	-	879.17579	10
6	Chromed plastic cap green top with seal*	-	879.17495	100
7	Grey plastic cap	-	879.455	100
8	Black plastic cap	-	879.45	150
9	Green plastic cap to indicate nitrogen filled tires	-	879.451	100
10	Long skirt TPMS valve cap, black*	-	879.174921	100

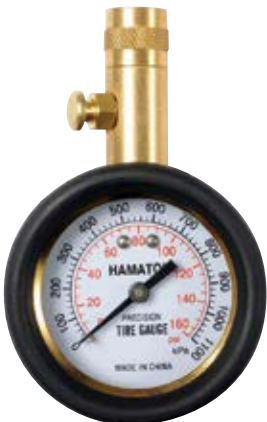
* TPMS compatible

VALVE CORES



No.	Description	TR No.	Art. No.	P. Qty.
1	Replacement universal valve core - short Fits Art. No. 879.413, 414, 415, etc.	C-1	879.50	100
2	Nickel-plated valve core for TPMS	C-1	879.440	100

ECONOMY AIR GAUGES



Art. No. 715.54073

Dial Gauge for Passenger Trucks

Features:

- 0 - 160 psi
- Passenger/truck easy-to-read dial gauge with bleeder valve



Art. No. 715.54077

Dial Gauge for Passenger Trucks w/12" Hose

Features:

- 0 - 160 psi
- Passenger/truck easy-to-read dial gauge with bleeder valve and 12" whip hose

The operating temperature range for these gauges is -40°C to 70°C
Dial Gauge for cars, SUVs, light trucks and commercial truck tires.

DIGITAL TIRE INFLATOR



Art. No. 715.540061

3-in-1 Heavy-Duty Digital Inflator

Features:

- Die cast aluminum unit with rubber sleeve for Heavy Duty use
- Hose length: 6 ft (182.88 cm)
- Wire sheathed hose on flex area of hose to eliminate kinking
- Backlit LCD with 90 second auto shut-off
- Advanced digital high precision reading

- Powered by: 2x AAA batteries (included)
- Accuracy: ± 2 p.s.i.
- Units of measurement: PSI, BAR, kPa, KgF

3 in 1 function:

- Inflate
- Deflate
- Measure tire pressure

TPMS Compatible



Hose length	6 ft. with swivel
Chuck type	Clip on
Accuracy exceeds	86/217/EEC, $2 \pm$ p.s.i.
Units of measure	bar, p.s.i., kPa, kgF
Inflation range	0-12 bar 0-174 p.s.i. 1200 kPa 12 kgF
Reading accuracy (+, -)	0.1 bar 0.2 p.s.i. 1 kPa 0.01 kgF
Max. inlet air supply	16 bar 232 p.s.i. 1600 kPa 16 kgF
Inlet thread	1/4" female NPT
Dimensions	300L x 150W x 110H mm
Battery	2x AAA
Weight	2.4 lbs. (1.2 kg)

AUTOPRO TIRE INFLATOR



Art. No. 715.540063

Portable automatic tire inflator with all the features of a larger wall-mounted unit.

Features:

- Multi-scale LCD display psi, kPa and bar
- Replaces most common wall mounted units
- Two programmable pre-set pressure buttons
- Built-in over-pressure setting function
- Pre-set function to seed the tire bead & deflate back to pre-set tire pressure
- Auto on / auto off function
- Large easy to read LCD display with Audible warning
- Built-in rechargeable Lithium-ion battery
- Up to 15 hours of continuous use
- Auto-off after 90 seconds
- Precision built Tough ABS case with shock resistant
- Perfect for inflating large tires and for use in large fleet shops
- Calibrated & certified

Applications:

Auto shops, workshops, tire centres, mobile repair units and fleet operation repairs.

Chuck type	Clip on
Chuck style	Single straight
Max. inflation	174 psi
Scale	psi/kPa/bar
Inlet size	1/4"
Hose length	1.5 m/4.9 ft
Dimensions	300L x 125W x 135 H mm
Weight	4.5lbs(2 kg)
Accuracy	± 2 psi @ 25-75 psi
Supply pressure max	182 psi
Powered by	DC 12v rechargeable battery (Li-ION)
Inflation speed	2500 L/min (88 cfm) @ 182 psi

1 year warranty

PROFESSIONAL TIRE INFLATOR



Art. No. 715.540062

Compact tough aluminium housing Inflator.

Features:

- Tough die cast aluminium body
- Accurate multi-scale gauge
- Large backlit digital display
- Wire sheathed hose eliminates kinking
- Impact absorbing bumpers
- Rubber grip on chuck
- Calibrated & certified
- Accuracy exceeds Standards
- Steel trigger handle
- Auto on / auto off function shock resistant
- Quality durable inflator

Applications:

Auto repair shops, workshops, tire centres, mobile repair units and fleet operation repairs.

Chuck type	Hold on
Chuck style	Dual angle
Max. inflation	174 psi
Scale	psi, kPa, bar
Inlet size	1/4" BSP
Hose length	500mm
Dimensions	200 L x 40 W x 80 H mm + hose + chuck
Weight	0.85 kg
Accuracy	± 2 psi @ 25 - 75 psi
Supply pressure max	200 psi
Powered by	2 x AAA (included)
Battery life (continuous use)	80 hr
Inflation speed	500 L/min @ 188 psi

1 year warranty

ECONOMY AIR GAUGES



Art. No. 715.54074

The operating temperature range for these gauges is -40°C to 70°C

Dial Gauge for cars, SUVs, light trucks and commercial truck tires.

Inflator Gauge, Heavy Duty Passenger/ Truck w/12" Hose

Features:

- 20 - 120 psi
- Heavy duty passenger/truck inflator gauge with easy to view site glass and 12" whip hose.
- Dual foot chuck for truck and bus use.

Tire pressure must be checked regularly. Maintaining proper tire inflation will increase fuel economy, increase tire life, and reduce the chance of tire failure

AIR CHUCKS



715.54092



715.54096



715.54080



715.54095



715.54083



715.54082



715.54081

Air chucks for standard bore tire valves.

Open chucks are used with tire changers and tire inflators, that can control the flow or stopping of airflow.

Closed chucks are used with live air lines where there is no other control for stopping the air from escaping. The pin inside the chuck compresses when pushed up against the tire valve to allow the air to flow.

Maximum operating pressure: 150psi

Explanation:

Open - flow through
(engaged or not)
Closed - NON flow through
(until engaged then becomes flow-thru)

Art No.	Description	Box Qty.
715.54092	Brass ball foot chuck (closed)	5
715.54095	Ball foot chuck with lock-on clip feature – Opens when applied to valve	5
715.54096	Ball foot chuck with clip (open) requires air release up the air line	5
715.54080	Air Chuck Euro Style 1/4NPT Clip Closed	5
715.54081	Air Chuck Euro Style 1/4NPT Clip Open	5
715.54083	Premium black straight-on tilt locking chuck (closed) truck, and dual wheel application	1
715.54082	Premium black dual foot chuck (inside & outside dual wheel application) Angled and tapered tip for hard to reach areas (closed)	1

TPMS SENSOR AID SYSTEM WITH OBD II



Art. No. 879.02405

Sensor AID is designed to diagnose and interact with tire pressure monitoring sensors using wireless (radio frequency) communication.

- Würth TPMS Sensor AID tool can diagnose both OEM and non-OEM sensors
- Sensor AID will verify the unique identity of each sensor mounted on wheels, display current pressures, internal tire temperature and battery condition of the sensor.
- Assist technicians in identifying fault, resetting and servicing TPMS systems.

Würth Sensor AID has a unique feature to clone OEM sensors to Würth replacement TPMS sensors.

- Reprogramming of the vehicle's computer is now **not required** when cloning OEM sensors for a second set of wheels and tires (i.e. winter tires.)
- Cloning and programming 4 OEM sensors to Würth TPMS sensors can be done in under 1 minute combined!
- Shipped blank, not preprogrammed-will not consume battery power
- Re-programmable for the same model vehicle that the sensor was first programmed for.
- Contains a medical grade German battery and electronics with G sensor technology

Benefits of Würth TPMS sensors:

- All metal valve stem with plastic cap that will not corrode to the stem.
- The two types of Würth TPMS sensors will work on more than 95% of vehicles made today.
- Wide-application means less product to stock.

TPMS Sensor Kit Contents:

- Sensor AID tool, OBD II Interface, power adapter, USB connector, sensor and device installation CD, TPMS owner's manual, warranty card

Note: Specific user instructions included with each TPMS Sensor AID System kit and each replacement sensor

Valve Stems (Regular Sensors Only):

DFS TPMS Sensor 315/433 MHZ Alloy Stem **Art. No. 879.024056**

DFS TPMS sensor 315/433MHZ **Art. No. 879.024054**



DFS TPMS Metal Clamp In Valve **Art. No. 879.024059**



DFS TPMS Rubber Snap In Valve **Art. No. 879.024058**



DUAL FREQUENCY TPMS SENSOR, SENSOR AID



Compatible with Würth's Sensor AID Tool
Art. No. 879.02405



Art. No. 879.024054

Features:

- Dual frequency sensor can be used in place of 315mhz and 433mhz sensors.
- Don't waste time looking for the right sensor for the application.
- One TPMS sensor for all applications*

Use this one sensor to reduce inventory SKUs!

This article replaces:
879.024050, 879.024051, 879.024052, 879.024053

*Application covers approximately 95% of OE sensors

TIRE PRESSURE MONITORING SYSTEM (TPMS) ACCESSORIES



Art. No. 879.172008

Rubber Snap-in Valve for TPMS

- Tire Pressure Monitoring System replacement valve for GM vehicles
- Length: 5.7 cm
- Diameter: 1.9 cm
- Material: EPDM rubber, brass, and plastic cap
- Includes Torx retaining screw for attachment to sensor body

Note: These valve stems **do not** work with Würth programmable or other programmable sensors.

CRAYON



- Used for marking damaged areas and valve replacement on the tire before removing from the rim

Colour	Art. No.	P. Qty.
White	829.551	12
Yellow	829.552	

PERMANENT CRAYON SWIVEL STICK



Colour	Art. No.
White	829.554
Yellow	829.555

Features:

- Swivel action dispenser
- Marking temperature range: -45 °C to +65 °C (-50 °F to +150 °F)
- Fast drying
- Marks on any surface
- Dries overnight

CRAYON STICK



Colour	Art. No.
Yellow	829.553

Features:

- Marking temperature range: -45 °C to 65 °C (-50 °F to 150 °F)
- Weather and fade resistant
- Lead free
- Fluorescent marks that glow under black light
- Marks well on oily surfaces
- High visibility colour for poorly lit areas
- Marks metal, wood, plastic, concrete, and glass

Application:

- Remove film from tip
- Marks dry overnight

BRAKE ANTI-SQUEAL SPRAY



Art. No. 890.106 230 g

Permanently eliminates disc brake squeal

Applications:

- Spray on back of pads
- Also used on battery terminals for protection

Note: Spray on new brake pads before disassembly of the old unit to allow complete drying time.

ASSORTMENTS



Standard & Metric Brake Line Nut Assortment

Art. No. 964.889

Contents (155 Pieces):

12 popular sizes, size range 3/8"-1 1/2"
(10 mm-12 mm)



Brake Bleeder Screw Assortment

Art. No. 965.989

Contents (144 Pieces): 21 different sizes of brake bleeder screws in both metric and standard sizes, and 2 different sized rubber caps.

BRAKE PROTECTION PASTE



Art. No. 893.920250 250 g

Extreme high-temperature and high-pressure resistant lubricating, separating and anti-corrosion paste.

Fine metallic and graphite particles in a special grease

- Does not harm sensors on brake systems
- Suitable for ABS brake systems and ASR and ESP systems

Heat-resistant up to 1100 °C

- Burning-on of parts on brake systems is effectively prevented
- Protects against carbon fusion

Great, long-lasting lubrication effect

- Prevents braking and squeaking noises
- Prevents galling on steel to stainless steel, titanium, magnesium and other hard metals

Protects parts even in corrosive environments

- Resists alkaline solutions, most chemical and acid vapours, road salt, steam, salt water, iodized water

Silicone, lead, molybdenumdisulfate, and AOX-free

High-pressure resistant

Very highly anti-corrosive

Use:

- Lubricating, separating and anti-corrosion paste for parts on vehicle brake systems, mounting aids on machines, etc. For the prevention of insertion damage and wear on bearings, sliding points and screw and plug connections.

Technical Data	
Colour	Copper
Temperature	-55 °C to +1100 °C (-67 °F to +2012 °F)
Solvent resistance	Excellent in water, salt water and ionized water
Particle size	Max 25µm
Density (g/cm³)	1.38 - 1.42
NIIGI Grade	1/2, D-217 (ASTM Method)
Worked penetration	250 - 290, D-217-A (ASTM Method)
Flash point	> 250 °C (>482 °F), D-92 (ASTM Method)
Coefficient of friction	0.065 - 0.075, Shell 4 Ball Method
Shelf Life	5 years

Note: Do not apply to brake discs and brake friction lining.

ALUMINUM ANTISEIZE PASTE



Art. No. 890.921284 284 g

Superior anti-seize and high-pressure lubricant

- Formulated to lubricate under the most adverse brake conditions, assuring that critical caliper pins, sleeves, bushings and pistons remain lubricated throughout pad life
- Graphite and fine aluminum particles in a special grease protect parts even in high-heat, high-pressure and corrosive environments

- Excellent on rolling and sliding surfaces operating in wet or dry conditions
- Compatible with internal and external brake rubber and plastic hardware
- Lid mounted brush for convenient application
- Temperature range: -185 °C to +1100 °C (-300 °F to +2000 °F)

Note: Keep lubricant off pads and rotors.

CE 1650 CERAMIC PASTE



Extremely high temperature resistance

- Temperature resistance from -46 °C to +1650 °C (-50 °F to +3000 °F)
- Non-melting

Compatible with internal and external brake rubber and plastic hardware

- Including ethylene-propylene rubber
- Can be used in many applications

100% synthetic lubricant

- Non-petroleum formulation

Silicone-free

Note:

This product is not compatible with silicone lubricants typically used to grease brake sliders; all old silicone MUST be cleaned using a solvent before the ceramic brake paste is applied. Keep lubricant off pads and rotors.

Designation	Contents	Art. No.
Canister with brush	227 g	893.923284

BRAKE PROTECTION



Art. No. 893.116010 3 g

High temperature resistant brake assembly paste

- Prevents corrosion and squeaks
- Splash and salt water resistant
- Very good permanent lubricating effect

Benefits:

- Temperature resistant up to 1400 °C (2552 °F) (prevents seizing of brake pads due to burning)
- Temperature range: -40 °C up to +1400 °C (-40 °F to 2552 °F)
- Free of metal, therefore particularly well suited for vehicles with ABS systems

Areas of application:

- Preventative disassembly aid for brake pads in motor vehicle brake systems
- Assembly work of machinery
- Prevention of running-in damages, friction and wear in bearings, glide sections, screwed and plug-in connections
- Can also be used to prevent seizing of stainless steel connections
- Comes in convenient one-time use packets; box quantity of 50

BRAKE FINISHING TREATMENT



Spray treatment designed to prevent brake noise at the source. Effective on all types of automotive brake systems

Features:

- Suitable for rotor and drum brake systems
- Noise prevention at the source
- Tacky, non-slip formula
- Durable
- Aerosol can

Recommended:

Anti-Squeak Spray **Art. No. 890.106**

Brake Protection **Art. No. 893.116010**

Brake and Parts Cleaner **Art. No. 890.9...**

Benefits

- Micro-fine aluminum particles fill and bond to grooves, irregularities and inclusions, creating a composite, metallized friction surface. This results in smooth, silent braking performance.
- Applied directly on the rotor or drum
- Formula eliminates brake squeal by dampening and absorbing pad vibration
- Protects from water and high temperatures
- Easy and fast to apply

Contents	Colour	Art. No.
255 g	Silver	8859.110009

DOT 4 BRAKE FLUID



For vehicle hydraulic brake and clutch systems that require the use of a synthetic brake fluid in accordance with DOT 4.

Features:

- Synthetic fluid that can be mixed with all synthetic brake fluids of the same quality
- Reduced formation of steam bubbles thanks to its very high dry and wet boiling points
- Excellent corrosion protection for all metal parts of the brake system
- Compatible with all hoses and seals that are present in a brake system
- Protection against wear and foam formation

Notes:

- Change the brake fluid only in accordance with the vehicle manufacturer's instructions
- Under no circumstance mix the brake fluid with automatic transmission fluids (ATF) or mineral oils
- Brake fluid has a solvent effect on paints => avoid contact with painted surfaces
- Brake fluid is hygroscopic
- Can be used with the tap 891.302.01. The tap must only be used to pour brake fluid.
- After use and during storage, always seal the canister with the original lid.

Art. No.	892.0095
Colour	Yellow/Amber
Quantity	5L
Dry Boiling Point	Min. + 265°C by DIN ISO 4925
Wet Boiling Point	Min. + 175°C by DIN ISO 4925

BRAKE FLUID TESTER

Art. No. 715.53200



Handy tester for determining brake fluid quality (DOT4).

- 5 LEDs for accurate indication of water content in the brake fluid in stages of 0%, < 1%, approx. 2%, approx. 3%, > 4%
- Robust with protective cap for professional use
- For use in car, truck and motorcycle workshops and in service areas
- Battery not included



PVF COATED BRAKE LINES



Poly Vinyl Fluoride (PVF) coated steel brake lines.

- Extends the life of brake lines.
- Provides significant protection against rock salt, sand, and the more recently used and far more corrosive liquid sodium chloride.

Tube Dia.	Length	Union		Art. No.	P. Qty.
		Thread dia.	TPI/ Thread Pitch		
3/16"	12"	3/8"	24	889.312	10
	20"	3/8"	24	889.320	
	30"	3/8"	24	889.330	
	40"	3/8"	24	889.340	
	51"	3/8"	24	889.351	
1/4"	12"	7/16"	24	889.412	
	30"	7/16"	24	889.430	
	40"	7/16"	24	889.440	
	51"	7/16"	24	889.451	
	60"	7/16"	24	889.460	
5/16"	20"	1/2"	20	889.5201	5
3/8"	20"	5/8"	18	889.620	

Tube Dia.	Length	Union		Art. No.	P. Qty.
		Thread dia.	TPI/ Thread Pitch		
3/8"	51"	5/8"	18	889.651	5
	60"	5/8"	18	889.660	
	72"	5/8"	18	889.672	
	8"	10 mm	1.0 bubble flare	889.708	
10 mm bubble	12"	10 mm	1.0 bubble flare	889.712	
	20"	10 mm	1.0 bubble flare	889.720	
	30"	10 mm	1.0 bubble flare	889.730	
	40"	10 mm	1.0 bubble flare	889.740	
	60"	10 mm	1.0 bubble flare	889.760	
10 mm invert	12"	10 mm	1.0 Invert flare	889.812	
	20"	10 mm	1.0 Invert flare	889.820	

PVF COATED BRAKE LINES



Poly Vinyl Fluoride (PVF) coated steel brake line coils.

- Extends the life of brake lines.
- Provides significant protection against rock salt, sand, and the more recently used and far more corrosive liquid sodium chloride.
- Very easy to bend and flare.

Dia.	Length	Art. No.	P. Qty.
3/16"	25'	889.7	1
1/4"	25'	889.8	
5/16"	25'	889.9	

CUPRO NICKEL BRAKE LINES



CUPRO Nickel Brake Line coils.

- Far superior quality brake line that is unaffected by the effects of liquid calcium and rock salt solutions.
- Special alloy made of 88% copper, 10% nickel and 2% iron.
- Very high resistance to sand and road debris.
- Extruded seamlessly from an ingot.
- Meets S.A.E. standard 1677 for brake lines on surface vehicles.

Dia.	Length	Art. No.	P. Qty.
3/16"	25'	889.3	1
1/4"	25'	889.4	
5/16"	25'	889.5	
3/8"	25'	889.6	

SINGLE SWIVEL CRIMPED AIR BRAKE ASSEMBLIES D.O.T.



D.O.T. approved air brake hose assemblies. One end swivels with MPT adapter, the other with rigid MPT adapter.

Hose ID	Swivel End MPT	Rigid End MPT	Length	Art. No.	P. Qty.
3/8"	1/4"	1/4"	32"	884.HAB-6-32B	2
3/8"	3/8"	3/8"	18"	884.HAB-6-18C	
3/8"	3/8"	3/8"	24"	884.HAB-6-24C	
3/8"	3/8"	3/8"	28"	884.HAB-6-28C	
3/8"	3/8"	3/8"	30"	884.HAB-6-30C	
3/8"	3/8"	3/8"	36"	884.HAB-6-36C	
3/8"	3/8"	3/8"	48"	884.HAB-6-48C	
1/2"	3/8"	3/8"	18"	884.HAB-8-18C	
1/2"	3/8"	3/8"	20"	884.HAB-8-20C	
1/2"	3/8"	3/8"	24"	884.HAB-8-24C	
1/2"	3/8"	3/8"	28"	884.HAB-8-28C	
1/2"	3/8"	3/8"	30"	884.HAB-8-30C	
1/2"	3/8"	3/8"	32"	884.HAB-8-32C	
1/2"	3/8"	3/8"	36"	884.HAB-8-36C	
1/2"	3/8"	3/8"	42"	884.HAB-8-42C	
1/2"	3/8"	3/8"	48"	884.HAB-8-48C	

STEEL BRAKE LINES



Standard		
Tube Size	Length	Art. No.
3/16	12	884.BL-3-12
	20	884.BL-3-20
	51	884.BL-3-51
	60	884.BL-3-60
	72	884.BL-3-72
1/4	20	884.BL-4-20
	60	884.BL-4-60

European Standard		
Tube Size	Length	Art. No.
3/16	12	884.BLE-3-12
	20	884.BLE-3-20
	30	884.BLE-3-30
	60	884.BLE-3-60

Armored		
Tube Size	Length	Art. No.
3/16	12	884.BLA-3-12
	30	884.BLA-3-30
	40	884.BLA-3-40
	60	884.BLA-3-60

Nuts are Colour Coded Green 10x1.0 mm
Thread Bubble Flare



S.A.E. - 527 steel brake line tubing			
Outside Dia.	Wall Thickness	Coil Length (ft.)	Art. No.
3/16	.028	25	884.BLT-3-25
1/4			884.BLT-4-25
5/16			884.BLT-5-25

BRAKE LINE NUT AND ADAPTER KIT



Replaces old **Art. No. 884.BLN-KIT-1**

Art. No. 964.8895

Description	Tube	Thread	Art. No.	Qty.
Union Coupling Tube to Tube	3/16		884.142-3	10
Union Coupling	1/4		884.142-4	10
Union Coupling	5/16		884.142-5	4
Union Coupling	3/16	M10 x 1.0	884.142EU-3	1
Union Coupling	3/16	M10 x 1.0	884.142JA-3	1
Steel Nut	3/16	3/8-24	884.S141-3	10
Steel Nut	3/16	7/16-24	884.S141-3716	10
Flare Invert Steel Nut	3/16	1/2-20	884.S141-31/2	10
Steel Nut	3/16	9/16-18	884.S141-3916	6
Flare Invert Steel Nut	1/4	7/16-24	884.S141-4	10
Flare Invert Steel Nut	1/4	1/2-20	884.S141-41/2	6
Steel Nut	1/4	9/16-18	884.S141-4916	6
Flare Invert. Steel Nut	5/16	1/2-20	884.S141-5	6
Specialty Nuts	3/16	M10x1.0	884.SE141-3	10
Invert. Special Nut 45°	3/16	M11x1.5	884.SE141311M	6
Invert. Special Nut 45°	3/16	M12x1.0	884.SE141312M	6
Invert. Special Nut 45°	3/16	M13x1.5	884.SE141313M	6
Adapter Tube to Tube EU	3/16	M10 x 1.0	884.SE143-3	1
Fuel line Nut GM	5/16	1.4mmx1.5	884.SFL514M	4
Fuel line Nut GM	3/8	1.6mmx1.5	884.SFL616M	4
Specialty Nuts Jap Standard	3/16	M10x1.0	884.SJ141-3	5
Adapter Tube to Tube JA	3/16	M10 x 1.0	884.SJ143-3	1
Steel Nut Long Style	3/16		884.SL141-3	10
Steel Nut Long Style	1/4		884.SL141-4	10
Steel Nut Long Style	3/16	M10x1.0	884.SLJ141-3	5

BRAKE LATHE TIPS



AMMCO Models

Art. No. 690.7311



FMC Models

Art. No. 690.7312

Carbide inserts maintain sharp cutting tools for optimum performance

- Fits today's most popular brake lathe machines
- Carbide construction extends cutting life
- Reduced "chattering" during cutting



KWIK-WAY Models

Art. No. 690.7313

BRAKE BLEEDER SCREWS



Also available:

Brake Bleeder Screw Assortment Kit **Art. No. 965.989**



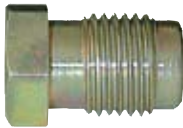
- Rubber caps for bleeder screws

- Replacement brake bleeder screws
- Allows unwanted air to be purged from braking systems

Thread Dia.	Thread Pitch	Length	Art. No.	P. Qty.
3/8"	3/8-24	1.36"	989.9400	6
3/8"	3/8-24	1.11"	989.9402	
5/16"	5/16-24	1.06"	989.9403	
1/4"	1/4-28	.92"	989.9404	
8 mm	M8x1.25	23.5 mm	989.9405	
10 mm	M10x1.25	27.5 mm	989.9406	
10 mm	M10x1.0	27.5 mm	989.9407	
10 mm	M10x1.0	32.75 mm	989.9409	
10 mm	M10x1.0	35.0 mm	989.9410	
7 mm	M7x1.0	32.0 mm	989.9411	
10 mm	M10x1.0	38.5 mm	989.9412	
7 mm	M7x1.0	38.55 mm	989.9413	
7/16"	7/16-20	1.27"	989.9415	
8 mm	M8x1.0	38.0 mm	989.9416	
1/4"	1/4-28	1.045"	989.9417	
10 mm	M10x1.25	33.0 mm	989.9421	
8 mm	M8x1.25	32.7 mm	989.9422	
7/16"	7/16-24	1.475"	989.9427	
8 mm	M8-1.25	36.0 mm	989.9428	
8 mm	M8-1.0	26.29 mm	989.9430	

Length	Outer Dia.	Collar Dia.	Inner Dia.	Art. No.	Qty.
7/8" / 22 mm	7/16" / 11 mm	1/2" / 13 mm	7/32" / 5.5 mm	989.9451	10
9/16" / 14 mm	3/8" / 10 mm	1/2" / 13 mm	3/16" / 4.7 mm	989.9450	

BRAKE LINE NUTS



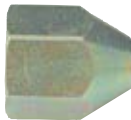
Art. No. 889.500

M10 x 1.0
Straight Form
Brake Line Dia.: 4.75 mm



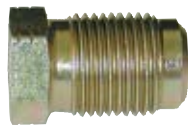
Art. No. 889.501

M10 x 1.0
V-Form
Brake Line Dia.: 4.75 mm



Art. No. 889.507

M10 x 1.0
3/8" UNF-24
Brake Line Dia.: 4.75 mm



Art. No. 889.508

M12 x 1.0
Brake Line Dia: 4.75 mm



Art. No. 889.509

M12 x 1.0
V-Form Brake Line Dia.: 6 mm



Art. No. 889.510

M10 x 1.0 (long)
Brake Line Dia.: 4.75 mm



Art. No. 889.523

M10 x 1
Brake Line Union
Actual Size Not Shown



Steel Brake Line Tubing

Outside Dia.	Wall Thickness	Art. No.
3/16	0.28	884.BLT-3-25
1/4	0.28	884.BLT-4-25
5/16	0.28	884.BLT-5-25



Art. No. 964.889

Assortment
Contents: 12 popular sizes, size range 3/8" - 1/2" (10 mm - 12 mm)

EXHAUST ASSEMBLY PASTE



Art. No. 890.100045 140 mL

- Soft paste for fast, easy and totally gas tight sealing of flanges and sleeve fittings in the exhaust system
- No welding necessary
- The paste becomes metal hard with exhaust heat
- Temperature resistance up to approx. 700 °C (1292 °F)
- Seals permanently
- Shock and vibration resistant
- No corrosion in joints, therefore easy disassembly
- No welding required! This accommodates a safe, quick, exhaust system installation

LIQUID METAL



Art. No. 893.449 178 mL

The ideal, quick repair system for fitters and workshops in the field of metalworking. Especially good for filling moulds, sealing and filling in leaks.

- Fe 1 is a high grade, two-component reaction resin system which is formulated specifically to obtain metalline characteristics.
- The ideal mixing ratio of the components (A:B = 1:1; press two strands of equal length out of the tubes) makes it practically impossible to mix the repair compound incorrectly.
- Fe 1 is specifically designed for small repair jobs which must be performed quickly.
- Fe 1 can be applied with a spatula without it running down, so it can also be used for work on a vertical plane.
- After hardening, Liquid Metal Fe 1 can be machined like metal without difficulty by turning, milling, drilling, filling or thread cutting.

Note: Works on various metals such as aluminum, copper and steel.

Application Table				
Abrasion on:	Sealing leaks in:	Shrinkage cavities in:	Running-in damage to:	Manufacture of:
Pump casings	Radiators	Grey cast iron during casting operations	Shafts	Moulds
Impellers	Tanks		Hydraulic cylinders	Holders
Propellers	Water reservoirs	Grey cast iron when machining	Engine blocks	Models
Rudders	Water pipes		Bearing seats	Guides
Heat exchangers	Oil lines		Crank cases	Prototypes
Condensers	Housings			
Dust lines				
Gravity chutes				
Hoppers				
Studs				
Torn-out threads				

Technical Information	
Mixing Ratio	Component A: Component B = 1:1
Initial setting time	7-12 min. (room temperature)
Full hardening time	4-24 h (room temperature)
Pot life	5 min. / 20 g (room temperature)
Consistency	Cannot run down
Spec. gravity	2.80 with Components A and B mixed
Compressive strength	70 N/mm ²
Tensile strength	12.5 N/mm ²
Shear tensile strength	14.5 N/mm ²
Thermal stability	0.7 Kcal/mh°C, -60°C to +120°C
Dimensional stability / Martens	+40°C
Coefficient of thermal expansion	+40x10-6/1°C
Malleable	up to +120°C/1h
Storage stability	Min. 2 years



Repair of small-size engine cover



Bearing seats, repaired and then reworked

METAL EPOXY STICK



Art. No. 893.449012 114 g

Features:

- Hand kneadable, steel reinforced epoxy putty that easily mixes to provide fast repairs.
- This putty-like consistency eliminates drops and runs for a “no mess” application.
- Cures like hardened steel. Can be tapped, drilled, sanded, machined and filed.
- Excellent adhesion to metal, plastic, glass, and copper.

Instructions:

- The surface must be clean, and free from grease. Cut off the quantity required and mix putty together until an even color has been achieved.

Technical Data:	
Work Life	3 to 5 minutes
Compression Strength	1200 PSI (ASTM D-695)
Lap Shear Tensile Strength	800 – 1000 (ASTM D-2240)
Chemical Resistance	Hydrocarbon, alcohols, esters, halocarbons, salt-water, dilute acids and bases
Electrical Resistance	30,000 megohms (ASTM D-257)
Dielectric Strength	300 volts/mil (ASTM D-149)

DIESEL INJECTOR CLEANER



Art. No. 5861.011400 473 mL

- Helps remove and prevent fuel-related deposits such as carbon and varnish in injectors and fuel pump
- Increases operating efficiency of all types of diesel engines
- Improves performance (increased power and torque)
- Decreases emissions and fuel consumption
- Improves flow properties of diesel fuels in cold weather by preventing wax build-up in the fuel, for improved cold-weather starting
- Helps extend fuel injector, fuel pump and fuel filter life by reducing wear
- Methyl-hydrate free, alcohol free
- 1 container treats up to 125 gallons (475 L) of diesel fuel

AIR INTAKE AND THROTTLE VALVE CLEANER



Art. No. 5861.113500 432 g

Special, highly active system cleaner for 2-cycle and 4-cycle engines.

Features:

Removes deposits and contaminants in the air intake and throttle valve and carburetors area. No dismantling work required. Calibrated bores and nozzles can also be cleaned with it. Suitable for catalytic converters.

Smooth engine running

- Faults caused by soiled throttle valves or carburetors are eliminated.

Outstanding cleaning performance

- Optimum carburetor performance
- Faultless throttle valve operation

Overhead valve

- Hard-to-access spots can be reached

Application:

Spray the parts to be cleaned heavily while the engine is not running and allow the active substance to soak in for 2 to 3 minutes. Then spray into the intake and throttle valve area with the engine running and increase the speed slightly to loosen deposits.

Note: Replacement for 893.10 Carburetor Cleaner

STARTING FLUID



Art. No. 890.991010 212 g

Würth Starting Fluid is the perfect solution for engines that won't start in cold, wet and freezing temperatures.

- Designed to instantly start gasoline engines
- For use in extreme cold or humid weather
- Contains lubricants and anti-corrosive additives.
- Saves time, battery and cylinder wear.
- Improved spray pattern

Application:

Hold can in upright position. Spray 1 or 2 seconds bursts into air intake system (air cleaner, carburetor or intake manifold). Avoid excessive application. With air cleaner in place, start engine - Do not start while spraying. If engine fails to start after you have done this several times have your ignition system checked.

Caution: Do not use in Diesel engine with glow plug.

Note: Please note that our product contains approximately 40-45% of ether, making it less hazardous and flammable than the standard products; it also contains a blend of additives to make it more efficient in cold starting situations.

V-BELT SPRAY



Art. No. 893.230 269 g

- Prevents slipping, transfers full working output, eliminates squeaking
- Eliminates readjustment work with minor belt slip due to cold, moisture or due to normal elongation
- AOX-free

Use:

Fit spray head and spray along belt with spray tube close to inside of belt. Or spray on inside point with engine running for approx. 5 seconds. Clean running surfaces before initial use.

AIR INTAKE SYSTEM CLEANER



Art. No. 5861.112400 425 g

Oxygen sensor safe and catalytic converter safe

- Cleans air throttle valves
- Cleans throttle bodies
- Cleans idle air control valves
- Residual product may be absorbed with a shop cloth
- Idle air control valves may be cleaned if removed
- Throttle valve linkages may be also sprayed clean with this product.

Note: Extremely flammable, do not use unless the vehicle is cool.

ENGINE FLUSH AND FUEL INJECTOR CLEANER



Fuel Injector and Valve Cleaner

473 mL Available separately as

Art. No. 5861.111301

A powerful fuel additive, formulated using technologically-advanced deposit-control additive chemistry that will provide the following benefits when used as directed.

- Rapid clean-up performance on fuel injectors
- Clean-up performance on intake manifolds, intake valves & ports and the entire fuel system (fuel lines, fuel tank)
- Improved fuel combustion resulting in increased power and performance
- Reduced fuel consumption and emissions
- Elimination of knocking and pinging caused by deposit build-up (hot spots) in the combustion chambers and prevention of engine octane requirement increase
- Oxygen sensor and catalytic converter safe
- Meets & Exceeds OEM Service Requirements

Engine Flush

350 mL

Art. No. 5861.310401

A proprietary blend of solvents, detergents & dispersant additives that will effectively dissolve oil contaminants to aid in their removal from the engine.

- Will thin out heavily-oxidized or thickened oil
- Will break down sludge and varnish deposits which can then be drained out with the used oil

Note: Engine Service Kit **Art. No. 965.8909** is discontinued. We will continue to carry Engine Flush **Art. No. 5861.310401** and Fuel Injector and Valve Cleaner **Art. No. 5861.111301** (sold individually)

ENGINE SHAMPOO



Art. No. 893.013055 454 g

Cleans and degreases engines or any oily metal surfaces

- A clean engine allows heat to dissipate more quickly, thus running more efficiently.

SEALANT REMOVER



Art. No. 893.1000 220 g

Removes sealant materials, adhesives, paints in only a few minutes

- In only a few minutes this product removes the remains of solid gaskets, e.g. cylinder head and exhaust manifold seals, hardened adhesive, e.g. cyanogen acrylate and anaerobic products, paints, lacquers, oil, grease, resin
- Can be used on objects made of metal, wood, glass, ceramic, polyethylene and polypropylene
- Simple application method to save time
- Can also be used on vertical surfaces
- Surfaces of polished metals protected by a corrosion protection additive

INJECTOR-EX INJECTOR SOLVENT



Mineral oil free injector and spark plug solvent with KENA® microfluid formula

Special product for loosening injectors and spark plugs in assemblies and engines

- Gentle action, as seized connections can be loosened without substantial force application and the use of tools
- Product has long-lasting effect, that penetrates deeply and thus ensures optimal work results
- Can be used on both diesel and gasoline engines

KENA® microfluid technology

- Excellent creeping characteristics facilitates deep penetration of the product

- Very heavily coked injectors and spark plugs are efficiently loosened
- Effect is enhanced by slow evaporation, rust is transformed and coking is solvated
- Very cost-effective application

Safe for people and the environment

- Owing to highly effective, mild and environmentally safe ingredients

Application:

Special product for loosening rusted and oxidized injection nozzles, injectors and spark plugs in engines and assemblies.

Container	Contents	Art. No.
Aerosol	190 g	893.300250

ENGINE WASH



Environmentally friendly engine cleaner concentrate for the engine, engine compartment and gear box

An element of our ecologically sound product range

- State-of-the-art product reducing environmental impact
- Reduces potential danger in daily use
- Saves raw material resources
- Prevents waste
- Highest quality for highest demand

Characteristics:

- Removes oil, grease and other dirt thoroughly and quickly
- Very high cleaning performance
- Biodegradable >95 % (OECD test and closed flask test)
- Rapidly separating according to Ö-Norm test B 5105, so that dirt containing oil and grease is not emulsified but infiltrated and washed out. Therefore the waste water generated can be separated in a light-oil separator
- Does not contain AOX compounds, organic solvents, phosphate or complex agents

- Slightly viscous resulting in optimum cleaning results even on vertical surfaces
- Gentle on skin
- Not aggressive to sensitive surfaces
- Silicone free

Effect:

- Engine wash is slightly viscous causing the cleaner to adhere even to vertical surfaces. During reacting time the cleaner can then penetrate the dirt and remove it thoroughly.
- Can be diluted up to 1:10!

Result:

- Engine, engine compartment and gear box are cleaned thoroughly and environmentally compatible, whereas sensitive surfaces, e.g. aluminum, tin, zinc, painted surfaces, plastic components, and rubber are not affected on account of missing aggressive agents and a neutral pH value.

Contents	Art. No.
5 L	893.01305
20 L	893.01320

Technical Information	
pH Value	8.5
Dilution	1:10

EVAPORATOR CLEANER AND DEODOURIZER



Art. No. 893.764500 482 g

Eliminates odours caused by mold, mildew, fungus and other contaminants such as tobacco, in the A/C evaporator

- Foaming cleanser eliminates stale odour fast
- Includes improved spray hose
- Safe for all mobile and stationary A/C evaporators
- Fast acting, long lasting odour control formula
- One can be used for multiple vehicles
- To be used into drain tube (source of condensation drip)
- The foam will expand in the evaporator, break down and drain from the evaporator through the drain tube
- Safe for all the sensors and electronics you find in an evaporator.

2K EUROPRIMER 4:1 GREY 3.89L + STANDARD ACTIVATOR 946ML



CAUTION: always test the compatibility of this product with your desired paint system. Do not use the product in temperatures below 16°C (60°F). The application temperatures will affect dry times and performance.

Product	Content	Art. No.	P. Qty.
4:1 Europrimer Grey	3.89l	5866.400116	1
Standard activator	946ml	5866.400117	1

Mixing Directions	
Primer	Activator
4 parts	1 part

Note: In hot and humid conditions (temperatures above 27°C/85°F), the use of a slow activator may be required. Film thickness, flash times, and temperatures may affect sanding time. In extreme heat, the use of reducer (10% maximum) may be needed.

Pot life at 24°C (75°F) with the standard activator – 1-1.5 hours

Note: Pot life will shorten as temperatures increase. Products are not recommended to be used in temperatures below 16°C (60°F).

A European style, premium quality, two component, acrylic urethane primer that can be applied directly to metal.

Features:

- 2-component (2K) primer offers excellent corrosion protection, adhesion and great scratch resistant properties
- High build acrylic urethane formula provides an improved fill and build properties

Advantages:

- Can be used as a direct to metal coating
- Diverse compatibility with a range of color systems
- Impressive coverage and build that provides a great protective coating

Suitable Surfaces:

- Steel, galvanized steel, aluminum and fiberglass surfaces that are properly cleaned, sanded and treated properly
- OEM coatings and body filler coatings applied that are cured and sanded

Surface Preparation:

- Wash area thoroughly with soap and water to remove contaminants that solvent based cleaners cannot remove efficiently. All substrates must be degreased and sanded. All rust must be removed.
- Clean area with a solvent cleaner and wipe dry.
- If necessary, sand repair with 80 grit followed by 180 grit to feather at broken film areas. Clean area with a grease and wax remover
- Completely sand surface with 180-220 grit sand paper and re-clean with a solvent cleaner suitable for final cleaning step.

Application:

- Apply 2-3 coats with 10 minutes flash time at 24°C (75°F) and 50% relative humidity between each coat. Allow 45-60 minutes of drying before sanding (3 complete wet coats is 4-5 millimeters to dry). For best results, do not exceed 5mm dry film thickness
- A final blocking with 600 grit or finer sandpaper is recommended before top coating

Reducers:

- Adding a reducer is not a requirement or a recommendation. However, urethane grade reducers can be used up to 20% by volume of the primer and activator combination
- Europrimer Urethane reducers (Slow, Medium, fast) – coming soon

Dry Time:

Dry times at 24°C (75°F) and 50% relative humidity

- Flash time – 5-10 minutes
 - To sand – 60-90 minutes
 - To topcoat – 60-90 minutes
- Force drying at 60°C (140°F)
- Purge time – 15 minutes
 - Bake time at 60°C – 20 minutes

Repairing and Recoating:

- Direct to metal 2K Europrimer must be sanded prior to recoating after 24 hours of drying at 24°C (75°F)

EUROCLEAR PRO 2:1 URETHANE CLEARCOAT



A European style, low VOC, medium solid 2:1 mix urethane clearcoat formulation

Features:

- Versatility with three activators: Fast, Standard, Slow
- High gloss, fast dry finish with superior depth of image that will perform with water-based and solvent-based basecoat systems
- Easy to spray, polish and buff.

Advantages:

- Easy application, polishing and buffing
- Durable, high gloss
- Superior depth of image
- Fast drying

Suitable surfaces:

- Automotive refinish basecoats (water and solvent based)
- Automotive refinish single stage
- Existing finishes that have been sanded and cleaned

Note: Clearcoat should not be applied over acrylic lacquers or existing finishes which have not been sanded.

Product	Content	Art. No.	P. Qty.
2:1 Clearcoat	5 L	5866.200106	1
Slow activator	2.5 L	5866.400110	
Standard activator		5866.400111	
Fast activator		5866.400112	

Dry and Flash Time

	Slow	Standard	Fast
Flash Time	15-20 min	10-15 min	5-10 min
Tack Free	1 hr	45 min	20 min
To Sand	6-8 hrs	3-6 hrs	3-6 hrs
To Buff	6-8 hrs	3-6 hrs	3-6 hrs
To Deliver	6-8 hrs	3-6 hrs	3-6 hrs

Pot Life

Activator	Time
Slow	1.5 hrs
Standard	35-45 min
Fast	25-35 min

Note: Pot Life will shorten as temperatures increase.

Not recommended for use in temperatures below 16°C.

Mix Ratio: 2:1 (Clearcoat 2 parts : Activator 1 part)

Stir thoroughly between each addition and strain before spraying material

Application:

1. Allow the final coat of basecoat to dry in accordance with manufacturer's directions.
2. Use a tack cloth to remove any surface contaminants that may have settled on the basecoat.
3. Apply two full wet coats to a maximum of 6 mils wet, allowing 10 to 15 minutes flash time between coats or as conditions dictate.

Notes: DO NOT apply over non catalyzed acrylic or synthetic enamels or acrylic lacquer finishes.

- It is important to test the compatibility of this product with your paint system. This product is not recommended for use in temperatures below 16°C.
- The use below these temperatures will affect dry times, performance and finish. Always keep containers closed to prevent moisture contamination.

Force Drying:

- Purge Time: 40 min
- Bake Time: at 140°F: 40 min
- Allow the final coat to flash for 20 minutes before baking. May be wet sanded and buffed after 1 hour of cool down time. Baking will increase gloss.

Repairing and Recoating:

- May be recoated after 8 hours of dry time or upon cool down after force drying. After 24 hours, Euroclear must be sanded with 1200 to 1500 grit before recoating.

Many factors beyond Würth's control and uniquely within user's knowledge and control can affect the use and performance of a Würth product in a particular application. Given the variety of factors that can affect the use and performance of a Würth product, user is solely responsible for evaluating the Würth product and determining whether it is fit for a particular purpose and suitable for user's method of application. Würth makes no warranty, either expressed or implied, and specifically excludes any implied warranties or conditions of quality, whether of merchantability, fitness or otherwise. On any claim, irrespective of the legal theory invoked, Würth's total liability shall not exceed the purchase price of the product. In no event shall Würth be liable for any damages of any type, or for loss.

EUROCLEAR 4:1 URETHANE CLEARCOAT



A high solids formulation that offers exceptional value and versatility for spot, panel, and overall repair.

Features:

- Versatility with three activators: Fast, Standard, Slow
- High gloss, fast dry finish with easy buffing that will perform with most water-based and solvent-based basecoat systems

Suitable surfaces:

- Automotive refinish basecoats (water and solvent based)
- Automotive refinish single stage
- Existing finishes that have been sanded and cleaned

Note: Clearcoat should not be applied over acrylic lacquers or existing finishes which have not been sanded.

Advantages:

- Easy to use
- Durable, high gloss
- Versatility and value
- High solids formulation
- Fast drying

Product	Content	Art. No.	P. Qty.
4:1 Clearcoat	3.78 L	5866.200107	1
Slow activator	0.95 L	5866.400113	
Standard activator		5866.400114	
Fast activator		5866.400115	

Dry and Flash Time

	Slow	Standard	Fast
Flash Time	15-20 min	10-15 min	5-10 min
Tack Free	1 hr	45 min	20 min
To Sand	6-8 hrs	3-6 hrs	3-6 hrs
To Buff	6-8 hrs	3-6 hrs	3-6 hrs
To Deliver	6-8 hrs	3-6 hrs	3-6 hrs

Pot Life

Activator	Time
Slow	1.5 hrs
Standard	35-45 min
Fast	25-35 min

Note: Pot Life will shorten as temperatures increase. Not recommended for use in temperatures below 16°C.

Mix Ratio: 4:1 (Clearcoat 4 parts : Activator 1 part)

Stir thoroughly between each addition and strain before spraying material

Application:

1. Allow the final coat of basecoat to dry in accordance with manufacturer's directions.
2. Use a tack cloth to remove any surface contaminants that may have settled on the basecoat.
3. Apply two full wet coats to a maximum of 6 mils wet, allowing 10 to 15 minutes flash time between coats or as conditions dictate.

Notes: DO NOT apply over non catalyzed acrylic or synthetic enamels or acrylic lacquer finishes.

- It is important to test the compatibility of this product with your paint system. This product is not recommended for use in temperatures below 16°C. The use below these temperatures will affect dry times, performance and finish. Always keep containers closed to prevent moisture contamination.

Force Drying:

- Purge Time: 40 min
- Bake Time: at 140°F: 40 min
- Allow the final coat to flash for 20 minutes before baking. May be wet sanded and buffed after 1 hour of cool down time. Baking will increase gloss.

Repairing and Recoating:

- May be recoated after 8 hours of dry time or upon cool down after force drying. After 24 hours, Euroclear must be sanded with 1200 to 1500 grit before recoating.

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2K RAPID PRIMER FILLER



Universal 2 component primer filler for repairing small and medium sized surfaces on plain steel and existing paints.

Save time and money by working smarter.

- Smooth dispersion of product
- Quick drying
- Excellent sanding and corrosion protection

Benefits:

- Highly suitable for use in minor damage repair
- Can be used as a wet-on-wet application without intermediate sanding

How it works...

The application surface must be clean, dry and grease-free. Lightly sand problematic surface(s). Shake can well for at least 2 minutes before spraying. Remove (red) push button from the cover cap, place it on the pin at the bottom of the can and activate by spraying. Remove push button and dispose of it.

Shake the can well for at least 2 minutes again after spraying. Apply two to three spray coats at a distance of 20 to 30 cm. Allow 10 to 15 minutes between coats. The treated surface can be painted over with all common topcoat paint systems.

DRYING TIMES: Air-Drying: 60 mins / 20°C
IR-Drying: 10 mins / 60°C

Colour	Contents	Art. No.	P. Qty.
Dark Grey	366 g	5867.000122	1

2K RAPID CLEAR COAT



Clear varnish for permanent sealing of touched-up surfaces and newly painted small parts.

Working efficiently cuts costs. Very quick drying, even dispersion two-component clear varnish with excellent resistance to weather, chemicals and gasoline

Advantages:

- High throughput rate
- Fast drying
- Constant atomizing pressure until the can is empty
- Excellent abrasion and scratch resistance
- Suited for small damage repair work

How it works...

Shake can well for at least 2 minutes before spraying. Remove red push button from the cap, place it on the pin on the bottom of the can, push the pin in until it stops and then remove the red push button and dispose of it.

Shake the can well for another 2 minutes. Carry out one or two thin spray passes over the prepared surface.

Be sure to observe the intermediate flash-off time!

Yield per can = approx. 0.5 to 0.75 m²

Dust dry: 7 min, Touch-dry: 6 hrs

NOTE: Processing time after activation is a maximum of 1.4 hours. After using the can, turn it upside down and spray until valve is empty.

Colour	Contents	Art. No.	P. Qty.
Clear	313 g	5867.000124	1

VAKU 20



Fine filler with high elasticity for closing off existing pores and for repairing small scratches, grooves and uneven areas.

Features:

- Quick drying
- Non-porous
- Brilliant white pigmentation
- Sandable

Benefits:

- Colour is perfectly suited for use in model and furniture construction
- Fast, uniform filling of uneven surfaces
- Efficiency reduces further processing (sanding, filling and application of top-coat)
- User-friendly

Applications:

Auto/Cargo	For eliminating minor paint damage, scratches and for closing existing pores and uneven areas in the knifing and universal filler area.
Metal	Extremely fine surface processing for an optimum finish
Wood	Can be used for all types of wood as fine or universal fillers. Not suitable for oily woods. Do not use on heavily weathered surfaces.

Description	Colour	Contents	Art. No.	P. Qty.
Vaku 20	White	2 kg + 40 g hardener	892.60202	1
Hardener	Red	40 g	892.600004	

Note: Vaku 20 Fine Filler was formerly known as MAXI Fine.



Mixing ratio:
2% hardener



Application time:
4-5 mins @
20°C (68°F)



Curing time:
20-30 mins @
20°C (68°F)



Sanding as
required:
80-280 grit

Note: Not suitable for oily woods. Mixing ratio must be measured precisely! Will not harden below 10°C (50°F). Temperature resistant up to 80°C (176°F).

VAKU 30



Universal filler with outstanding properties. Can be used as knifing and fine filler.

Features:

- Excellent adhesion on iron, steel, aluminum, galvanized and hot-galvanized surfaces, GFRP and wood
- Quick drying
- Optimum elasticity for achieving closed, smooth surfaces
- Sandable

Benefits:

- Excellent preparation for finishing work
- No chipping at edges or reworking with fine filler required
- Fast, uniform filling of uneven surfaces
- Efficiency reduces further processing (sanding, filling and application of top-coat)
- User-friendly

Applications:

Auto/Cargo	In vehicle construction and in motor vehicle repair with universal adhesion on steel, aluminum, zinc, and GFRP.
Metal	For filling shrinkage pores/cavities and welding spots in machine construction. Universal adhesion on steel, aluminum and zinc.
Wood	Excellent as a repair putty for use in the construction industry, wood restoration, and window and door construction. Not suitable for oily woods. Do not use on heavily weathered surfaces.

Description	Colour	Contents	Art. No.	P. Qty.
Vaku 30	Beige	2 kg + 40 g hardener	892.60302	1
Hardener	Red	40 g	892.600004	

Note: Vaku 30 Universal Filler was formerly known as MAXI Plast.



Mixing ratio:
2% hardener



Application time:
4-5 mins @ 20°C
(68°F)



Curing time:
20-30 mins @
20°C (68°F)



Sanding as
required:
80-280 grit

Note: Not suitable for oily woods. Mixing ratio must be measured precisely! Will not harden below 10°C (50°F). Temperature resistant up to 80°C (176°F).

GOLD BODY FILLER



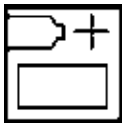
Art. No. 892.68040 3.7 kg

Premium body filler compound, designed to fill and final finish in one step

Features:

- Excellent adhesion to steel, galvanized metal and aluminum
- Can be used as a sandable body filler or sandable glazing putty
- Superior featheredge properties
- Stain free, tack free
- Hardener included
- Colour: Gold

Note: When applying to bumpers, an adhesion promoter must be used, such as our Olefenic Plastic Adhesion Promoter **Art. No. 893.91013**.



Mixing ratio:
2% hardener



Application time:
3-5 mins



Curing time:
20 mins



Sanding as
required:
40-120 grit for
body filling,
120-240 grit for
glazing

WÜRTH FINAL TOUCH



Art. No. 892.67900 710 mL

Self-levelling fine finish glazing putty for pin holes, sanding scratches and minor imperfections

Features:

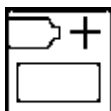
- Can be spread over a much larger surface area than conventional putties
- Allows imperfections to be filled without altering contour
- Can be spread extremely thin and sanded to a fine feather edge
- Hardener included
- Colour: Green

Applications:

Use on sanded substrates, steel, galvanized steel, and aluminum

Note:

Do not mix with fibre filled body fillers. When applying to bumpers, an adhesion promoter must be used, such as our Olefenic Plastic Adhesion Promoter Art. No. 893.91013.



Mixing ratio:
2% hardener



Application time:
3-5 mins



Curing time:
20 mins



Sanding as
required:
120-180 grit

THICK PRIMER FILLER



Corrosion protection with excellent filling and covering power for metallic surfaces

Very good adhesion

Adheres to aluminum, bare and galvanized sheet metal, old paint, etc.

Long-lasting corrosion protection

Quick drying

Depending on layer thickness, can be painted over in approx. 10 - 15 min.

Optimum covering and filling power

Easy, professional covering of small uneven areas, scratches and traces of sanding.

Very good stretching and run-off behaviour

Heat resistant up to 110 °C (230 °F)

Very easy to sand

VOC*-compliant

Solvent reduced, Complies with the VOC minimum, content specified in the VOC Directive (1999/13/EC)

* Volatile Organic Compound

Properties:

Flexible thick primer filler with short drying time, corrosion protection and very good adhesion properties, also in conjunction with PU and MS polymer sealing compounds. For professional repair of small uneven areas, scratches and traces of sanding.

Applications:

Spot repair, accident repair, body repair, paint work.

Description	Colour	Contents in mL	Art. No.
Thick Primer Filler	Grey	372 g	893.2121

BODY FILLER ADDITIVE



Art. No. 892.68050 473 mL

Restores dry body fillers, reduces pinholes

Properties:

- Use to change the texture of any body filler
- Restores the condition of dried-up body fillers

SET OF PUTTY KNIVES



Art. No. 993.1100

- Plastic spreader set in 5, 8, 10 and 12 cm widths
- For the application of 1K and 2K putty/filler materials
- Highly flexible
- For filling and remodelling work
- Pack of 4

PUTTY MIXING BOARD



Art. No. 891.586417

The putty mixing board is a very beneficial tool for every professional body shop. It simplifies the mixing of putty materials.

Features:

- Contains 100 silicone free layers of specially impregnated paper
- Comes with a quality spreader

Benefits:

- Simplifies the mixing of putty materials
- Increases productivity; no searching for a quality medium to mix the putty on

STAINLESS STEEL JAPANESE SPATULA SET



Art. No.695.940930 4 pcs

Rustproof stainless steel
Acid-resistant, high-quality plastic back

Applications:

- For applying and smoothing filler and plaster on smaller surfaces

Contents of set	
Width (mm)	Qty
50	1
80	
100	
120	

Use with:
Würth VAKU Fillers
 Prefix 892...



PAINT MIXING CUPS AND LIDS



Paint mixing cups with measurement scale printed on the inside for greater accuracy and ease of use

Features:

- Disposable cups for mixing and storing paint materials and stains
- Integrated mixing scales (1:1, 2:1, 3:1, 4:1 and 5:1)

Description	Size (mL)	Art. No.	P. Qty
Cup	385	705.800110	25
	750	705.800120	
	1400	705.800130	
Lid	385	705.800111	
	750	705.800121	
	1400	705.800131	

WÜRTH REPLACEABLE CUP SYSTEM LID AND FILTERS



Features:

- Patented lid system with automatic ventilation of cup for constant pressure conditions and perfect spraying pattern.
- Used in conjunction with paint mixing cup (Art. No. 705.800120)
- Integrated air-flow/paint-stop valve

Designation	Art. No.	P. Qty.
RCS 0.75 l. lid for Würth paint mixing cup	705.800161	100
125 micrometer filter strainer for the lid of the Würth Replaceable Cup System (blue)	705.800152	
200 micrometer filter strainer for the lid of the Würth Replaceable Cup System (green)	705.800162	

ADAPTER FOR WÜRTH REPLACEABLE CUP SYSTEM (RCS)



Figure	Designation	Art. No.	P. Qty.
1	RCS adapter for IWATA airbrushes with 1.6 x 1.5" connecting thread	891.700225	1
2	RCS adapter for SATA airbrushes with 1.6 x 1.5" connecting thread (incl. Würth AP and AP HVLP)	891.700226	
3	RCS adapter for Devilbiss airbrushes with 1.6 x 1.5" connecting thread	891.700227	
4	RCS adapter for SATA airbrushes with QCC connection	891.700228	

SPRAYABLE SEAM SEALER



Colour	Contents	Art. No.
Black	290 ml	893.910400
White		893.910401
Grey		893.910402
Beige		893.910403

Single component, MS polymer-based sealant range.

- Waterproof, cures to result in a soft and elastic consistency with air humidity.
- Free of isocyanate.
- Does not need a primer (preliminary tests recommended).
- Fully cured in approximately 24 hours. (~3mm/25h - At 23°C and 50% Relative humidity)
- Can be used with a caulking gun or spray equipment.
- Where applied it improves the resistance against stone chip and other attacks to the car body.
- Can be easily extruded and tooled for sealing overlapping seams, welded seams and construction seams in the automotive and industrial field.

- Effectively bonds to steel, aluminum, galvanized metal, fiberglass, urethane, epoxy, polyester, water-based primers, glass, and many plastics

Applications:

Application surface must be free of dust, oil, wax, grease or any other contaminant that will disrupt bonding. Any old paint residues or adhesives should be removed completely before applying the product on the target surfaces.

Designed to be used in industrial and automotive applications such as interior and exterior body seams (door skins, rocker panels, rear body panels, trunk seams, floor pans, etc.)

Compatible with:

360 Rotating nozzle Art. No. 891.6533
Pneumatic Application Gun PS 3 Art. No. 891.628
Combifix gun Art. No. 891.6286

BRUSHABLE SEAM SEALER



Art. No. 890.1021 932 ml

Features:

- Seals seams and joints that are spot welded, riveted or bolted
- Brushable, low odour formula
- Duplicates OEM appearance
- Will not sag or crack
- Permanently flexible
- Permanent adhesion to bare or painted surfaces, will adhere wet or dry
- Temperature range from -17 °C to +80 °C (-13 °F to +176 °F)
- Touch dry/paintable in 20-30 mins, full cure in 4-8 hours
- Light grey

SPECIAL BEADING NOZZLE



Art. No. 891.660

Professional original bead (OEM)

- Enables the user to save time and match the original manufacturers finish.
- Customized bead sizes from 6 mm - 13 mm (1/4" - 1/2").
- Can be used with all Würth urethanes.

JOINT AND SEAM SEALER



A permanently flexible adhesive sealant for industrial and automotive maintenance

- This is a high-performance sealant, which exhibits good physical properties including excellent adhesion to a variety of materials
- Surface must be clean, dry and free of oil and soap
- Must be applied on a primed surface for maximum corrosion protection
- Permanently flexible
- Paintable
- Non-staining
- Non-sagging
- Water dispersing
- Unaffected by temperatures from -40 °C to +90 °C (-40 °F to +194 °F), and for a short time to 120 °C (248 °F)

Adheres To:

Masonry, glass, metal, paint, wood, fibreglass, porcelain, polycarbonate.

Bonds:

Metal, glass, most plastics, fabrics, gaskets.

Drying Time:

Skin Time: 60 seconds; Tack Free: 2 minutes; Paintable: 30 minutes
Full Cure: 24 hours.

Colour	Contents	Art. No.
White	300 mL	890.50010
Black		890.50011

EUROSEAL GEL



Art. No. 892.0104 226 g

Flexible and paintable seam and joint sealant compound

- For stopping water and rain leaks on firewalls & windshield areas
- Stays permanently flexible
- Withstands oxidation, saltwater and most solvents when cured
- Slight shrinkage when cured
- Adheres to wet surfaces
- Can be mixed with paint to make a coloured seam
- Fast curing allows painting within 30 minutes
- Colour: Clear

* Do not bake dry

ADHESION PROMOTER



Art. No. 893.91013 307 g

A truly unique product for plastic repair. Dramatically improves adhesion of fillers and paint products.

- A very unique blend of resins designed to seal in mould release agents and binders found in semi-rigid plastics, Thermopoly Olefinic Plastic (TPO) and Polypropylene (PP). Provides excellent epoxy and paint product adhesion to these type substrates
- Olefinic Plastic Adhesion Promoter is used after the cleaning step and prior to the filling and finishing steps on semi-rigid plastic repair
- Apply the Olefinic Adhesion Promoter prior to painting

Note: Not allowing the product to thoroughly dry will cause repair failure.
Must be active for 20 minutes (minimum) prior to plastic repair.

EPOXY MIXING PACKETS



Fast-setting epoxy adhesive. This formula has a high thixotropic index to keep it sag-free during application, while the filler content allows sanding or shaping soon after curing.

Epoxy mixing packets contain both resin and hardener in one convenient package. The two components are color coded to assure complete mixing. Self-package mixing eliminates the need to squeeze tubes and weighing scales.

Applications:

- Fills gaps and bonds trim
- Casting cracks and holes
- Auto trim and ornaments

Advantages:

- Pre-measured resin and hardener for easy application
- Consistent strength and time savings
- Holds in 5 - 15 minutes
- Useable in 30 minutes
- Work time: 4-8 minutes at 77°F
- Good moisture resistance
- May be drilled, tapped, sanded or machined and painted after cure
- Quick and convenient

Description	Content	Art. No.	P. Qty.
Epoxy Mixing Packets	3.5 g	893.480101	10

Typical Uncured Properties	Part A	Part B	Mixed
Colour	Black	Off-White	Grey
Viscosity at 25°C, cps	445,000	336,000	390,500
Weight per Gallon (lbs.)	11.62	11.75	11.69
Specific Gravity at 25°C	1.39	1.41	1.40
Gel Time (minutes)			
10 g at 25 min.			4 - 8 min.
Shelf Life (packet)			24 months
Cured Physical Properties			
Hardness, Shore - D			70

Directions:

1. Before starting, make sure your work area is protected from accidental spills. Surfaces must be clean, dry and free of grease and oil.
2. Roughen smooth surfaces to be repaired with sandpaper.
3. Scrape all of the epoxy hardener and resin, mix thoroughly until a uniform grey color is achieved (approximately one minute).
4. Use mixing stick to apply epoxy to bonding area.
5. Press surfaces together until set - product will set up in 5 to 15 minutes.
6. While epoxy is still tacky, the excess can be removed with paint remover or mineral spirits.
7. Parts will fixture in 5 to 15 minutes; full cure is achieved in 24 hours.

MIXING NOZZLES



Ensures a perfect mix of 2-part adhesives for epoxy and structural urethane products

* 17-element mixing tip for 2-part urethane adhesives

The shortest mixing tip currently available results in a more efficient mix and reduces wasted product

Img.	Mixing Elements	Fits	Length	Art. No.	Qty.
C	24	Wurth Fix 250mL, Power Bond 220mL	6.5"	891.609	6/bag
C	24	Wurth Fix 250mL, Power Bond 220mL	6.5"	891.609100	100/box
B	18	Replast Easy 220mL, Replast Easy 400mL	5"	891.604	6/bag
B	18	Replast Easy 220mL, Replast Easy 400mL	5"	891.604100	100/box
D	17	Replast Easy 220mL, Replast Easy 400mL	4"	891.603100*	100/box
A	16	Wurth Fix 50mL	3.25"	891.605	6/bag

WATERPROOFING COMPOUND



Contents	Colour	Art. No.
975 g	Grey	893.350810

Note: This product is not paintable

An easy to apply one component water-based silicone coating

A part of our ecologically-sound chemical product range

Permanently elastic

- Pure silicone basis
- Remains permanently elastic and does not become brittle, even under extreme weather conditions
- UV and weather-resistant

Bridges cracks / Stops water infiltration

- A layer thickness of 6-3mm is achieved with just one application

Adheres on damp surfaces

- Sealing of damp surfaces possible
- Therefore acts like a true weather proofing and repair compound
- Adheres to all building materials (incl. wood, metal, plastic, concrete, stone, etc.)

Easy application

- Can be applied with paintbrush, brush, short pile roller or trowel

Easy cleaning

- Only clean water is required for cleaning edge areas, working equipment and hands

Compatible with bitumen

Application

- Protective, waterproofing and repair coating for various applications on buildings and vehicles, including repairs of roofs, installation of fences and retaining walls, waterproofing of basements and foundations, repairs of cracks in walls and floors, quick repairs on truck trailers, etc.
- Not suitable for area continually exposed to water (e.g. fountains, cisterns)

Technical Data:	
Basis	Silicone, rubber and water
Consistency	Thick, drip-proof
Reaction behaviour (curing)	1 day approx. 2 mm (23 °C (73 °F)/50% humidity)
Specific weight	1.3 g/ml
Thermally stable	-50 °C to +150 °C (-58 °F to +302 °F)
Application temperature	+5 °C to +40 °C (+41 °F to +104 °F)
Shelf life	18 months (cool and frost-free)
Consumption	1-3 l/m ²



Can be applied with Putty Knives, **Art. No. 993.1100**

REPLAST EASY



- Urethane structural adhesives designed to bond and repair all plastics, fibreglass, SMC, metal and glass
- Dual-mix cartridge system
- OEM-approved
- To be used in most automotive and heavy truck applications
- Other applications include aerospace, personal watercraft, military equipment and recreational vehicles

Art. No.	Open Time	Working Time	Clamp Time	Standing Time	Qty.
893.50002	0.5 min.	45 sec.	2.5 min.	5 min.	220 ml
893.50003	1.5 min.	1.5 min.	5 min.	10 min.	
893.50004	3.5 min.	3 min.	10 min.	30 min.	
893.50005	10 min.	17 min.	30 min.	60 min.	
893.50006	35 min.	50 min.	90 min.	3h	
893.50007	3.5 min.	3 min.	10 min.	30 min.	400 ml
893.50008	10 min.	17 min.	30 min.	60 min.	

Note: Use 18 element square mixing nozzle Art No. 891.604
For 220 ml cartridges, use Art No's: 891.0091 & 891.0092 only!
For 400 ml cartridges, use Art. No. 891.0096 only!

WÜRTH FIX



Würth Fix Rigid

- Two-part epoxy adhesive fillers and surfacers designed to repair and bond rigid and semi-rigid materials in a few minutes
- It adheres to metal, aluminum, fibreglass, plastics, glass and wood
- Resists gasoline, acid and solvents
- Excellent as a skim coat/final coat over Replast Easy adhesives
- No shrinkage
- No isocyanate
- No VOC
- Dries fast
- Easy sanding

Desc.	Open Time	Working Time	Standing Time	Art. No.	P. Qty
250 ml rig.	8 mins.	8 mins.	20 mins.	890.480133	1
50 ml rig.				890.480132	
250 ml flex.				891.480103	
50 ml flex.				891.480104	



Würth Fix Flexible

- Two-part epoxy adhesive filler and surfacer designed to repair and bond flexible materials in a few minutes
- Adheres to TPO, RIM, PPO, PP, PC, etc.
- It resists gasoline, acid and solvents
- Excellent performance when used as a skim coat over Replast Easy structural adhesives
- No shrinkage
- No isocyanate
- No VOC
- Dries fast
- Easy sanding

Note: Use 24 Element square mixing nozzle, **Art. No. 891.609** for 250 ml cartridge and 18 Element square mixing nozzle, **Art. No. 891.605** for 50 ml cartridge. Leave nozzles on unfinished cartridges for future use as this product hardens in contact with air. Always use a new mixing nozzle when reusing the product.

POWER BOND



Art. No. 893.450200 220 mL

- Two component epoxy-based structural adhesive used for panel bonding when extended work time is required
- Dual-mix cartridge system
- Will bond bare metal, aluminum, SMC and fibreglass
- It will seal and bond in one step and contains corrosion resistant agents
- The glass beads mixed in the formulation will provide the adequate spacing required for optimal bond strength

Open Time	Working Time	Clamp Time	Standing Time
60 min.	90 min.	4 h	8 h

Recommended: Multi-purpose dual cartridge caulking gun, Art. No. 891.0092

Note: Use 24 Element square mixing nozzle, Art. No. 891.609

FLEXIBLE FOAM



Art. No. 893.100080 220 mL

Two-part flexible anti-flutter urethane foam.

- Eliminates panel vibration and wind noise.
- Reinforces automotive body panels.
- Expands to 10 times its liquid state.
- Resilient - expands & contracts as needed to absorb sound & prevent flutter.
- Does not retain moisture.
- Duplicates OEM foam.
- Includes 2 mixing nozzles.
- Store in a cool, dry place.

- Rapid expansion time: 5-9 seconds.
- Work time: 15-20 seconds.
- Cure time: 5 minutes.
- Remaining material can be used multiple times if instructions are followed carefully, and the existing material is not contaminated.

Applications:

- Hood X frame anti-flutter
- Trunk lid frame anti-flutter
- Fill collapsed hollow weatherstrips.
- Stops water leaks in pillar posts.

ESK-50 FAST-ACTING EPOXY RESIN



Fast-acting two-part epoxy resin adhesive

Application:

- Suitable for bonding together various materials with high tensile and impact strength.
- Excellent resistance to flaking and shocks.
- An ideal composite for a wide range of applications such as sticking stainless steel sheets together, and repairing plastic and metal components that have broken off.

Surfaces:

Suitable surfaces include steel, stainless steel, galvanized steel, aluminum, copper, brass, coated metals, ABS plastic, PVC plastic, SMC, glass, ceramic, concrete, wood, polyurethane, polycarbonate, etc.

Benefits:

- **Fast curing**
The reaction of the two components results in a fast binding speed, ensuring fast application.
- **Broad range of applications**
For adhering metals, a range of plastics, glass, ceramic, etc. to and with each other.
- **High tensile strength values**
Tensile shear strengths are maintained even under the influence of heat.
- **Outstanding resistance to chemicals**
Resistant against many liquids such as water, gasoline and oil
- **Can be sanded when fully hardened**
- **High level of transparency**
- **Silicone and solvent-free**

Note: To be used with applicator gun 891.0093

Description	Content	Art. No.	P. Qty.
ESK-50 Fast Acting Epoxy Resin (includes 2 mixing tubes)	50 mL	893.4801	1
Additional Mixing Tubes	50 mL	891.481	3

Technical Data	
Basis	Epoxy
Colour	Clear, slightly-yellow
Density	1.1 g/cm ³
Viscosity	8000 - 11000 mPas
Thermal Range	-60°C to 100°C
Open Time	3.5 minutes
Fixture Time	5 minutes
Tensile sheer strength (N/mm²) - after 16h at 40°C	
Steel	> 21
Stainless steel	> 17
Aluminum	> 13
Copper	> 15
Brass	> 15
ABS plastic	4
PVC plastic	4
Acrylic	3
Polycarbonate	4

PIN PULLER SET

Art. No. 691.500168

Universal dent removal set with adhesion technology for the removal of dents without damaging the paint finish.

Compact

- Contains all necessary tools for the removal of soft dents on painted surfaces.
- Optimum composition and readiness for use.

Universal

- Small to medium deformations.
- Both round and oblong dents.
- Both adhesion and welding technology (welding technology not included in delivery scope).
- High economy.

Exact

- Independently adjustable device and support bases adapt precisely to the deformation
- Through the precise support on the edge of the dent, it is not pulled up.

Expandable

- If required, it can be retrofitted with the PinPuller welding articles (openings already provided).
- Adapted to individual requirements.



Contents:

#	Description	Contents of Set	Art. No.
1	Pin Puller with support base	1	691.500170*
2	Pulling Tabs, spherical (red) 5 x Ø 16 and 5 x Ø 27 mm	4	691.500154
3	Pulling Tabs, spherical (red) 5 x Ø 21 and 5 x Ø 32 mm	4	691.500155
4	Glue stick, brown, high-strength, Ø 12 mm	10	890.100050
5	Plastic wedge	1	714.5832*
6	Plastic taper bar	1	691.500150*
7	Acetone cleaner, 250 ml	1	893.460005
8	Adhesive remover, 150 ml	1	893.141
9	Gloves, size 9	1	899.41009*

* Only available through Special Orders.



Additional Pulling Tabs:

#	Description	Contents of Pack	Art. No.
1.1	Pulling Tab: round, convex (red), dia. of 16 mm, for very small dents, e. g. dent remnants	10	691.500160
2.1	Pulling Tab: round, convex (red), dia. of 21 mm, small dents, e. g. typical hail-impact dents	10	691.500161



PIN PULLER SET APPLICATION

Directions:



1. Clean dent with a acetone cleaner and, if required, affix a cross mark.



2. Apply melted adhesive to the suitable adapter.



3. Glue the adapter into the dent and align with the cross mark.



4. Cool the adapter off with compressed air or freezing spray.



5. Attach the Mini Lifter to the adapter and carefully pull out the dent.



6. Afterwards, spray Adhesive Remover onto the edge of the adhesive.



7. Using the plastic wedge, carefully lift off the edge of the adhesive and remove the adhesive from the paint work.



8. Carefully remove any adhesive residue with Acetone cleaner.



9. An overextended dent can be reversed with straightening cone.

MAXILIFT LEVER



Helpful hints:

- If possible, place the support foot onto an edge or near an edge in a level and stable location.
- The further the working point is away from the support point, the smaller the force acting on the support point.

Note: Requires **Art. No. 691.500141** to use **691.500...** lifter adapters.

Art. No. 691.500140

This accessory allows for the careful repair of deformations. The optimal supplement for dent lifter.

Benefits:

- Many different possibilities of use because of exclusive and patented additional products.
- The leverage of the Maxilift acts like a 'third hand', so the free hand is able to actively support the setting procedure.
- While the dent is lifted slightly with one hand, the free hand is able to support the setting procedure with gentle hammer taps to the boundary zone of the dent.
- Deformations fixed in this way achieve better results and have better stability compared to repairs carried out with a slide hammer alone.
- The large size permits a large variety of applications (overall length: 700 mm).
- The height (115 mm) allows for better accessibility under the lever as well.
- Gentle support due to the rubber padding, inadvertent damage to paintwork is avoided.

DENT LIFTING ACCESSORIES

By attaching the tension adapters, dents can be pulled out and straightened. Subsequent painting of many dents is not needed.

Advantages:

- No removal of paint finish. The success of the repair without repainting does depend on the quality of the paint and how the product is used.
- No disassembly of the interior trim and no disconnection of the battery is necessary.
- No welding burns on the inner side of the body.
- The low generation of heat allows work even on critical components such as motorcycle fuel tanks, stainless steel containers, etc.

Applications: There are several applications for the dent lifter system. They can be used on all types of vehicles, automobiles, light trucks, SUVs, marine applications, motorcycles, vans, galvanized and non-galvanized sheet metal, sheet gauges form 0.5 to 2 mm, stainless steel, aluminum, all painted surfaces, as well as numerous other applications.



Vans



Motorcycles



Convertible Covers



Trunk Lids

Characteristics of the Adapters' Shapes

- Round adapters are for round and large dents. The pulling focuses on the center.
- Oval adapters are for oval and long, narrow dents. The middle bridge of the adapter applies the pulling force.
- Barrel shaped adapters are for long and narrow dents. The middle bridge of the adapter applies the pulling force. Several adapters can be placed next to each other in the dent. The adapters are pulled alternately.

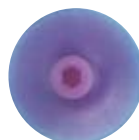
Characteristics of the Adapters' Colors

- Yellow adapters are made of hard rigid material, which allows higher levels of force.
- Violet adapters are made of flexible, moldable material. The adapter can be molded to the form of the dent by heating.
- Blue adapters are made of flexible, moldable material for small dents.

1



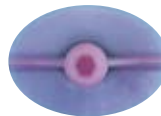
2



3



4



5



6



Adapters:

1) 691.500115

Round Hard Adapter (Yellow) Ø 40 mm, Qty. 10. Suitable for round and large dents, the adapter material enables high tensile forces and stress.

2) 691.500116

Round Flexible Adapter (Purple) Ø 40 mm, Qty. 10. Suitable for round and sharp-edged dents, the adapter material can be adjusted to the shape of the dent by heating.

3) 691.500117

Oval Hard Adapter (Yellow) 47 mm x 33 mm, Qty. 10. Suitable for oval and long narrow dents, the adapter material enables high tensile forces and stress.

4) 691.500118

Oval Flexible Adapter (Purple) 47 mm x 33 mm, Qty. 10. Suitable for oval and long narrow dents, the adapter material can be adjusted to the shape of the dent by heating.

5) 691.500121

Small Round Hard Adapter (Blue) Ø 35 mm, Qty. 10. Suitable for small dents, the adapter material can be adjusted to the shape of the dent by heating.

6) 691.500122

Barrel Shaped Adapter (Purple) 37 mm x 33 mm, Qty. 10. Ideal for long thin stretched dents. Adapters are placed side by side and pulled alternately.

APPLICATION



1. Clean the dent with W-Sol Cleaner with **Art. No. 890.113/890.1130**



2. Fit the suitable adapter onto the extension lifter and apply glue to the middle of the adapter. New adapters need to be scuffed for better adhesion.



3. Glue adapter to the deepest point of the dent, if possible, cool with pressurized air. This way you should be able to pull the dent after approximately 30 - 40 seconds.



4. Attach sliding hammer to the adapter and pull the dent.



5. Heat the adapter with a hot air fan to a temperature of 150 °C (302 °F) and with the help of the extension lifter remove the adapter in a sideways motion.



6. Remove glue remnants with W-Sol Cleaner, (**Art. No. 890.113/890.1130**). If needed, heat the remaining glue and scrape off with a spreader.



7. Finished product.

Note: If the adapter pops off prematurely...

- and the glue sticks to the dent; you need to scuff the adapter for better adhesion.
- and the glue sticks to the adapter; you need to clean the surface of the dent again with W-Sol Cleaner, Art. No. 890.113/890.1130 for better adhesion.

If there is a soft filler putty or filler under the paint, the adapter will pull off the paint, as the adhesion of the filler is not strong enough to pull the dent.

MINILIFTER ADAPTOR



The clamping spring secures the traction piece at any point on the lever.

Art. No. 691.500141

For attaching dent lifter adapters, Art. No. 691.500... in connection with the Maxilift lever, Art. No. 691.500140.

DENT LIFTING ACCESSORIES



Slide Hammer
Art. No. 691.500112 - Qty. 1



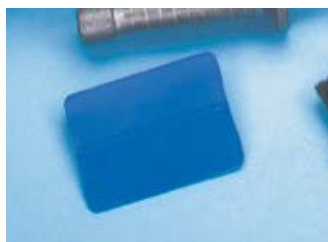
Adapter Installation Tool
Art. No. 691.500114 - Qty. 1
For safe installation and removal of the adapters



Glue Sticks, 10 pieces
Art. No. 890.100050 - Qty. 1
0.5 kg special glue, Ø 12 mm.



Electric Glue Gun
Art. No. 702.100057 - Qty. 1



Flexible Spatula
Art. No. 695.940921 - Qty. 2
For removal of glue residue from surfaces.



W-Sol Residue Remover, 454 G
Art. No. 890.1130 - Qty. 2
For removing glue residue and cleaning adapters after use.

Note: If the adapter pops off prematurely...

- and the glue sticks to the dent, you need to scuff the adapter for better adhesion.
- and the glue adheres to the adapter, you need to clean the surface of the dent again with W-Sol Cleaner, **Art. No. 890.113/890.1130** for better adhesion.

If there is a soft filler putty or filler under the paint, the adapter will pull off the paint, as the adhesion of the filler is not strong enough to pull the dent.

ADHESIVE REMOVER SPRAY



Art. No. 893.141 103 g

Easily removes cured melted adhesive from enamelled surfaces.

The adhesive residue is removed from the surface in one piece in seconds thus avoiding the need for time-consuming removal with hot air blower, spatula and cleaner.

Areas of application:

- Removal of adhesive from the inside and outside of automobiles, recreational vehicles, camping vehicles as well as in the workshop and around the house.



1. Lift up the edge of the melted adhesive with a plastic wedge.

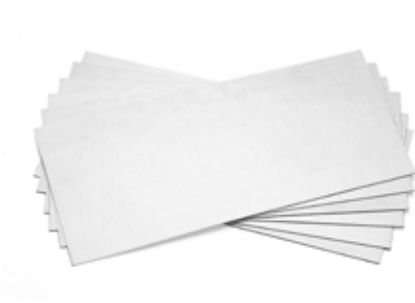


2. Spray the Adhesive Remover directly into the gap between the cured adhesive and the surface and allow to take effect briefly.



3. The Adhesive Remover penetrates into the gap and separates the adhesive residue from the surface.

SOUND DEADENING PADS



Suppresses internal vibration noise caused by vibrating body parts

- Heavy bitumen pads, aluminum coated, self-adhesive
- Reinforced against breaking
- Can be painted over
- Resistant to water, light acid and alkaline solutions
- High temperature resistance -30 °C to +80 °C (-22 °F to +176 °F), (1 hour +180 °C/ 356 °F)

Size	P. Qty.	Art. No.	Colour
200 x 500 x 2	10 Pads	890.100601	Black bitumen coated (recommended by GM)

AMO BAG AIR WEDGE



Art. No. 715.6780

Fibre reinforced plastic bag with high load-bearing capacity (100 kg)

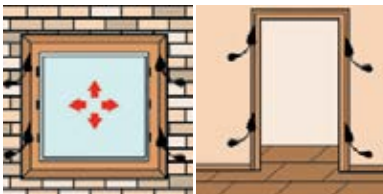
- Easy to inflate/release system by small pump and release valve
- Prevents costly locksmith charges
- Use for prying objects apart (windshields, headlights, etc.)
- Allows one person to complete a job that normally requires two persons
- Avoid scratches on the surfaces
- Handy, strong and durable
- Reusable

Automotive applications:

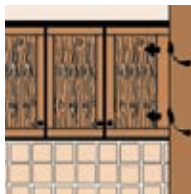
- Opening of car or truck doors (i.e. if you accidentally forget the keys inside)
- Removing of windshield or sealed windows on cars, trucks, caravans, boats, etc.
- Substitution of headlights, bumpers, etc.

Note: The air wedge is not puncture resistant!

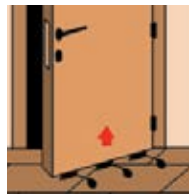
General applications:



Installation of windows and doors



Positioning cabinets



Lifting doors



Protection of shipments

SPOTGUN INJECTION KIT



Art. No. 964.764016

This patented Spotgun™ dye injection system is a giant leap forward in A/C injection. Simply connect it to the low or high side (even with the engine running) and squeeze the trigger.

Includes:

- R-134a adapter with a new longer hose
- R-12 quick-connect coupler
- Applicator gun
- Economical jumbo dye cartridge 8 oz. (will service 32 vehicles)
- Service stickers

QUICK SHOT INJECTION SYSTEM



Art. No. 964.764035

Includes:

- Injection gun with R-134a adapter
- Quick-connect R-12 coupler
- Applicator gun
- 6 Disposable 1/4 oz. (7.5 mL) cartridges of universal A/C dye (good for 6 vehicle applications)
- Service stickers

REPLACEMENT SPOTGUN



Art. No. 891.764100

Replacement Gun for A/C Leak Detection Kit **Art. No. 964.764017** and Spotgun injection kit **Art. No. 964.764016**

A/C LEAK DETECTOR



Art. No. 892.764131 6 x 7.5 mL

- Easy-to-load (1/4 oz./ 7.5 mL) dye cartridges made to service 1 vehicle. The design of a single cartridge is the most efficient way for shops wanting to control dye inventory. Include (6) disposable 1/4 oz. (7.5 mL) A/C dye cartridges, good for 6 applications & 6 dye-installed stickers.

A/C UV LEAK DYE



Art. No. 892.764134 240 mL

- Compatible with R-134a, R-12, and the new HF01234YF refrigeration systems
- Detectable when exposed to UV light
- Compatible with PAG, ester, and mineral oils
- Compatible with hybrid A/C systems
- Does not contain solvents!
- Will not harm A/C systems or recovery equipment

UV DYE CONCENTRATE IN SINGLE APPLICATION SYRINGE



Single Application Syringe

- Single application 0.25 oz./7.5 mL
- Convenient to use
- Allows for easier, quicker and cleaner filling of any type injector
- Product does not come in contact with moisture in air
- Allow precision measurement of product
- No waste

Quick Connect Application Hose

- Luer Lock style adapter allows adding products directly to charged automotive A/C systems
- Backflow valve prevents refrigerant escape

Description	Art. No.	P. Qty.
UV Dye Concentrate Single Application Syringe .25 oz	892.764135	12
Quick Connect Syringe Application Hose (re-usable)	764.26203	1

UV DYE CLEANER



Art. No. 892.764401 500 mL

- Safely removes fluorescent and non-fluorescent leak detection dyes
- Removing dye stains helps to prevent mis-diagnosis of possible future A/C system leaks
- Non-flammable / non-toxic

MULTIPLE PURPOSE UV DYE (OIL BASED)



Art. No. 892.764040 6 x 30 mL

- Used for engine oil, transmissions, hydraulics, power steering, gasoline and diesel fuel

Includes:

- 6 dye bottles of 1 oz. (30 mL) and 6 dye-installed stickers

Note: Not D.O.T. approved for brakes.

RADIATOR LEAK DETECTOR (WATER BASED)



Art. No. 892.764033 6 x 30 mL

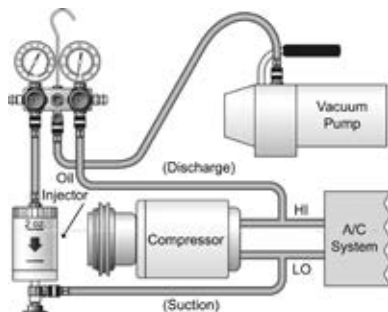
Makes leaks easy to find in Radiator Tubes/Headers and Connections. Also pinpoints leaks in Hoses/Fittings, Water Pumps and Head Gaskets.

Includes:

6 dye bottles of 1 oz. (30 mL) and 6 dye-installed stickers

Note: Will not work with GM Long Life Coolant.

SUPER LEAK STOP INJECTION TOOL



Art. No. 892.764321

2 ounce dye/oil injector for R-134a

- For use with manifolds gauge sets
- Made of heavy duty aluminum
- Use in-line on pressurized systems
- Quick connect style

LEAK STOP IDENTIFICATION LABEL



Art. No. 469.687.11

- Multi-use label advises of leak stop in A/C or other engine systems

TOTAL A/C LEAK STOP + UV DYE



Art. No. 892.764775 59 mL

Features:

- Stops small refrigerant leaks in metal and rubber A/C system components
- Lubricates A/C system and helps prevent leaks
- Contains a UV dye to help pinpoint mechanical leaks in A/C systems
- Does not contain polymers; will not harm or clog A/C system components, reclamation or recovery machines
- Compatible with PAG, Ester and Mineral oils
- 1 bottle treats 1 vehicle

Applications:

- Stops leaks in evaporator, condenser, rubber hoses, gaskets, seals and all types of O-rings including HBR, Nitrile and Neoprene.

Note: For use in R-134a & R-12 A/C systems

Requires Total A/C Leak Stop Injection Tool (Art. No. 892.764321).

Note: To use with R123YF use 764.000123

TOTAL A/C LEAK STOP WITH UV DYE



Art. No. 892.764777 116 g

Features:

- Stops small refrigerant leaks in metal and rubber A/C system components
- Lubricates A/C system and helps prevent leaks
- Contains a UV dye to help pinpoint mechanical leaks in A/C systems
- Does not contain polymers; will not harm or clog A/C system components, reclamation or recovery machines
- Compatible with PAG, Ester and Mineral oils
- 1 can treats 1 vehicle

Applications:

- Stops leaks in evaporator, condenser, rubber hoses, gaskets, seals and all types of O-rings including HBR, Nitrile and Neoprene.



*** Art. No. 892.764776** 66g
(Includes flexible charging hose)

Note: For use in R-134a A/C systems only.

* Uses the patented bag-on-valve (BOV) delivery system, which consists of a flexible pouch attached directly to the valve within the aerosol can. The BOV system isolates the product from the propellant, ensuring only the product gets released into the A/C system. The propellant remains inside the aerosol can.

POE OIL ISO 100 + UV LEAK DYE



Premium synthetic refrigerant lubricant for R12 to R134A systems approved O.E.M. technology

- Excellent anti-wear formulation, helps to extend compressor life
- Designed exclusively for retrofit applications
- Retro grade 100 equivalent to 500 viscosity
- For Jaguar, SAAB, Volvo
- Contains UV Dye for Leak Detector

Content	Art. No.
236 mL	890.82908
946 mL	890.82932

A/C LEAK STOP + UV DYE



Art. No. 892.764302 119 g

Features:

- Stops small refrigerant leaks in rubber A/C system components
- Lubricates A/C system and helps prevent leaks
- Contains a UV dye to help pinpoint mechanical leaks in A/C systems
- Does not contain polymers; will not harm or clog A/C system components, reclamation or recovery machines
- Compatible with PAG, Ester and Mineral oils
- 1 can treats 1 vehicle
- Easy and fast installation with the Würth Charging Hose (**Art. No. 764.305000**)

Applications:

- Stops leaks in rubber hoses, gaskets, seals and all of O-rings including HBR, Nitrile and Neoprene.



Note: For use in R-134a A/C systems only.

* Uses the patented bag-on-valve (BOV) delivery system, which consists of a flexible pouch attached directly to the valve within the aerosol can. The BOV system isolates the product from the propellant, ensuring only the product gets released into the A/C system. The propellant remains inside the aerosol can.

*** Art. No. 892.764303** 63g
(Includes flexible charging hose)

A/C PERFORMANCE ENHANCER



Art. No. 892.76462 114 g

- Faster cool-down rates in A/C Systems
- Lower vent temperature 3° to 9° F (typical vent temperature reduction range)
- Cleans and revitalizes A/C Systems
- Reduces compressor wear and extends compressor life by solubilizing build-ups including sludge and varnish which impede heat transfer
- Compatible with PAG, Ester, and Mineral Oils
- Will not harm A/C System components or equipment
- Proprietary additives allow compressors to run more efficiently
- Easy to use aerosol treats one vehicle
- Easy and fast installation with the Würth Charging Hose (**Art. No. 764.305000**)

Note: Does not contain U/V dye

JUMBO – 8 OZ. A/C OIL



The fast and only way to top-up or retro-fit A/C systems

- Viscosities of PAG oils (8 oz./240 mL) and 1 Ester oil (8 oz./240 mL). Eliminates time and mess when used with Spotgun™. Safely adds oil without refrigerant recovery.

* According to GM spec #9985752

Note: Oil must be applied according to O.E.M compressor specifications.

Name	Contents	Viscosity	Art. No.
Universal dye	240 mL	-	892.764106
		46	892.764146
PAG Oil		100	892.764147
		125	892.764145 *
ESTER Oil		100	892.764200

PREMIUM SYNTHETIC PAG LUBRICANT



- Premium synthetic refrigerant lubricant for R12 to R134A systems approved O.E.M. technology
- (Polyalkylene Glycol)

Contains:

- Conditioners, inhibitors and anti-wear agents for superior lubricity and compressor protection
- UV Dye for leak detector
- Specially formulated for O.E. and after-market air conditioning systems using R-134a refrigerant

Viscosity	Applications	8 oz. (236 mL) Art. No.	32 oz. (946 mL) Art. No.
46	GM, Ford, Chrysler, Jeep, Acura, Mitsubishi, Nissan, Porsche, Suzuki, BMW, Honda, Hyundai, Mazda, Mercedes, Audi & Toyota	892.764315	892.764325
100	GM, Ford, Chrysler, Jeep, Hyundai, Saturn, Subaru, Volkswagen	892.764316	892.764326
150	GM, Isuzu, Mercedes, Subaru	892.764319	892.764329

PAG 46-H, HFO-1234YF LUBRICANT



For vehicle air-conditioning systems with R1234YF coolant

Features:

- High-performance synthetic PAG lubricant. Contains conditioners, inhibitors and anti-wear agents for excellent lubricity and compressor protection. ISO viscosity 46.

Applications:

- Specially formulated for A/C systems using HFO-1234YF refrigerant.

Directions:

- Always check with the system and compressor OEM for recommendations of specific types of lubricant and refrigerant requirements. Do not mix with other oils. Not for use in R-134A or R12 systems.

Note: Do not mix with other air-conditioning compressor oils. Reseal container immediately after use to prevent contamination from dust and moisture

Designation	Viscosity	Contents	Art. No.
PAG Oil	Low	236 mL	892.123470

DYE / OIL INJECTOR FOR 1234YF SYSTEMS



Art. No. 764.000123

For vehicle air-conditioning systems with R1234YF coolant

Features:

- Does not require a manifold gauge to use on the low side of pressurized systems
- Great for introducing from 1/4 oz. up to 2 oz. of U/V Dye, Lubricants and Leak Stop to a closed A/C system without adding refrigerant
- Quick connect style for HFO-1234YF systems

A/C ASSORTMENTS



Art. No. 469.7772

R-12 to R-134a Retrofit Assortment – (10 Vehicles)

Contents (56 Pieces):

10) Low Side R134a Aluminum Adapters with caps; 1) GM 2 Piece R134a Service Port Adapter with cap; 8) 3/16" Flare (3/8 S.A.E.) Aluminum Service Port Adapter with cap; 1) 1/4" Flare (7/16 S.A.E.) Aluminum Service Port Adapter with cap 3) 3/16" Flare (3/8 S.A.E.) Block Off Caps; 3) 1/4" Flare (7/16 S.A.E.) Block Off Caps; 10) R 12 to R 134a Labels; 20) A/C Valve Cores

AUTOMOTIVE HVAC SYSTEM TREATMENT



Art. No. 893.764170 170 g

- Specially formulated to handle the problems associated with moisture and deposit accumulation in heater and air conditioning systems.
- Powerful fragrance and chemical odour counteractant system eliminates the malodours right at the source.
- Helps refreshen an undesirable smells such as cigarette smoke, food odours and pets.

Use the entire contents of this can for maximum results.

Note: Do not spray on electrical components, polished wood or rayon fabric

TREATMENT FOR R134A A/C SYSTEMS



Art. No. 892.764003 539 g

Quick and easy all-in-one refrigerant refill & A/C treatment.

- 16 oz. of R-134a refrigerant charge.
- 3 oz. synthetic lubricant charge replaces lost oil caused by system leaks.
- Performance enhancer provides colder air faster.
- System safe leak sealer stops small leaks in rubber hoses, gaskets & O-rings.
- Ultraviolet leak detection dye to quickly identify system leaks.
- Anti-wear additives reduce wear and extend compressor life.

Note: Not for use in R-12 A/C systems!
Do not connect to high pressure side. This may cause can to burst and can cause bodily injury. Always wear safety goggles.

HYBRID A/C COMPRESSOR OIL



Art. No. 892.764038 236 mL

- Specially formulated synthetic lubricant for electric hybrid air conditioning compressors.
- High dielectric protection formula has excellent "resistivity" to potential electrical current leakage in high voltage hybrid A/C systems.
- Contains conditioners, inhibitors & anti-wear agents.
- Provides excellent lubricity and compressor protection.

Many hybrid vehicles come with hybrid air conditionings compressors which are belt driven by the vehicle's engine when it is running, or turned by a small electric motor when the vehicle is in idle-stop (the gasoline powered engine shuts off at a stoplight or in stop-and-go traffic). Other hybrid vehicles have entirely electric-driven A/C compressors which do not rely on being belt-driven by the gasoline engine.

Whether "electric-only" or "belt and electric" these compressors have a bright orange 3-phase high-voltage cable connected to them & must use an oil with high dielectric properties or high "resistivity" to current leakage to help prevent shock hazards.

When working with hybrid A/C systems, it is extremely important that the system not be contaminated with any PAG oil, even residual oil in service equipment hoses. Flush and clean hoses and other tools and equipment before working with this product to prevent contamination!

FACTORY R-134A A/C PRIMARY SEAL AND CAP ASSORTMENT



Art. No. 469.779

Contents (20 pieces): 5 Low Side R-134a Primary Seal, 5 Blue Low Side Caps, 5 High Side R-134a Primary Seal, 5 Red High Side Caps

- R-134a Primary Seal Low Side Fitting is used to replace factory installed R-134a low side fittings when leaking. M10 x M1.25 thread
- R-134a Primary Seal High Side Fitting is used to replace factory installed R-134a high side fittings when leaking. M12 x M1.5 thread
- These ports do not contain a Schraeder valve, instead they are equipped with a rubber-ball valve, which prevents the escape of refrigerant

Application:

Late model Chrysler, Ford, GM and VW

AUTO A/C MAINTENANCE ASSORTMENT

Tray 1 - 18 Pieces	Qty.	Art. No.
Foamet® Style Manifold to Expansion Valve Gasket	2	469.09420F*
Manifold to Expansion Valve Gasket	2	469.9640
Condenser Manifold Gasket	2	469.9641
Expansion Valve to Evaporator Gasket	2	469.9642
Foamet® Style Expansion Valve to Evaporator Gasket	2	469.09426F*
JRA Low Side cap	4	469.09621*
JRA High Side cap	4	469.09622*

Tray 2 - 32 Pieces	Qty.	Art. No.
#6 Garter Spring	4	469.09OR606*
#8 Garter Spring	4	469.09OR608*
Chrysler/Nippondenso 10S Discharge Port	4	469.0915153*
Chrysler/Nippondenso 10S Suction Port	4	469.0915160*
Chrysler 5/8" KJ Hose Fitting	4	469.0915177*
Chrysler 3/8" LX Dryer/Liquid Line	4	469.0915184*
#10 Garter Spring	4	469.09OR6010*
#12 Garter Spring	4	469.09OR6012*

Art. No. 965.4692005

Contents: 653 Pieces

- Contains o-rings, slim line and sealing washers, gaskets, valves, primary seals and more
- Over 80 different Art. Nos.
- Contains all the small service parts you need!
- O-rings are shown as actual size on lid

* Must be ordered through Special Orders



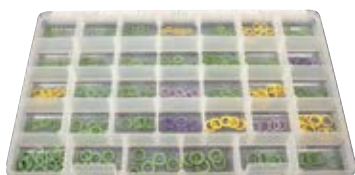
Tray 1



Tray 2



Tray 3



Tray 4



Tray 5



AUTO A/C MAINTENANCE ASSORTMENT

Tray 3 - 220 Pieces	Qty.	Art. No.
Nissan 92472 N8200, Calsonic A9510 69200, Rover JUU100200, JUU100430, 6mm hose fitting, EXP valve equalizer line fitting	5	469.09901
Alfa Romeo 60811547, Audi/VW 803-260-749, Opel/Vauxhall 3094213, Volvo/Saab 3522587	5	469.09008
BMW 64-50-8-390-605, Oil drain bolt O-ring, 16mm metric filter/drier fitting O-ring, EXP Valve O-ring	5	469.09568902 *
Volvo 3522587, EXP valve equalizer line, orifice tube	5	469.0913296 *
Rover CDU1513, Ford 1-958-277, Porsche 999-707-284-40, Nissan 92470-N8200, Calsonic A9520 69200	5	469.09010
Volvo metric orifice tube, 7mm hose fitting 1323387-9, 3545086-5, 3537797	10	469.09M2104 *
Honda 80873-SLO-900, Mazda LB-52-61-JIX, Mitsubishi MB946604, Toyota 90099-14044, Volvo 1323387-9, #5 (7mm) hose fitting, TXV/EXP Valve fitting	5	469.09022
Nissan 92470 N8210, Calsonic 88000 69200, Nissan/Calsonic Captive	5	469.09M2105 *
6MM Hose fitting, Alfa Romeo 60813186, Ford E853169S, Jaguar KRS604001, Rover JUU100011, JUU100090, JYX100100, Nissan 92471 N8210, Calsonic A9520 69220	5	469.09M2106 *
6mm hose fitting, switch/orifice tube fitting, Opel/Vauxhall 1850702, Rover JYX100180, Acura/Honda 80873-ST7-000, Toyota 90099-14119, Mazda LB51-61-JIX	5	469.92103
#6 GM captive, Ford combi valve evap. manifold oil bleed line, Ford block exp. valve	5	469.09108
Metric #6 Fitting Seal, Rover JUU100040, JUU100050, JUU100110, Citroen/Peugeot 6457R5, Opel/Vauxhall 9288674, 1845683, 6845671, 1850703, 1843750, Ford W701420, 3913196-S100, 389157, 6-753-633	20	469.091155
Ford orifice tube, GM HR6/HR6HE discharge crossover, Mazda LB-53-61-JIX, Jaguar CAC89682	5	469.09903
Audi/VW 803-260-749, 803-260-749A, 8A0-260-749AK Ford 95VW-19E715-EA, 391302-S100	5	469.0913302 *
No. 6 Hose fitting Volvo 3522588-7, 3537499-0, 3557499-0, 3522598-6	10	469.09M2118 *
Hose fitting - Mercedes 140-997-06-45, Porsche 999-707-247-40	5	469.09M2107 *
8mm hose fitting, Ford N807083-S, W701422, 6-753-634, Audi/VW 7M0-820-749B	5	469.09M2122 *
Ford 95VW-19E715-AA, Audi/VW 7M0-820-749B	5	469.0913432 *
Alfa Romeo 60811547, BMW 64-50-1-468-464, Ford W701424, 379737-S, 6-753-635, Opel/Vauxhall 90381762, 1854813/52458183, Rover JYX100110	5	469.09012
Volvo 3522598-6, 3737501-3	10	469.09M2120 *
GM Cycling Switches, block fitting	5	469.09568904 *
Porsche 999-707-261-40, 9MM hose fitting	5	469.09M2112 *
Opel/Vauxhall 90459254, 52466778/1850714, BMW 64-50-8-374-959 6C17	5	469.09568110 *
GM 1/2" Dual metric fitting Nippondenso 7SB16C discharge fitting	5	469.09568905 *
Ford W702645	5	469.0913364 *
Volvo 3545628, 6C17 Large Control Valve Outer O-ring	5	469.0913357 *
Audi/VW 8A0-260-749AJ, 7M0-820-749C, Ford 19E715-BA	5	469.0913319 *
Volvo #8 Hose fitting 3522591-0, 3537503-9	10	469.09M2127 *
Ford #8 Metric Springlock (391397-S100, YF-1788), Chrysler Metric Fitting 04741705	20	469.0901355
GM #8 - 1/2" metric captured	5	469.09568009 *
Diesel Kiki DKS-16H large plug bolt, Hitachi MJS170 service valve, Mazda hose fitting, Nissan 92470-N8200	5	469.92121
Nissan 92475-W1000, Acura 80872-ST7-000, Opel/Vauxhall 90508320, 1850726/52451134, BMW 64-50-8-375-714	5	469.09111
GM 52456068, 5/8" Dual metric Connection O-ring	5	469.09568906 *
Rover JUU100120, JUU100240, BMW 64-53-8-375-742, #8 Compression fitting	5	469.09014

Tray 4 - 220 Pieces	P. Qty.	Art. No.
GM 52450548 (3093499), Citroen/Peugeot 6457R4, Mercedes 140-997-11-45	5	469.09M2109 *
Audi/VW 8A0-260-749AF, 8A0-260-749AJ	5	469.0913401 *
Volvo/Saab 3537501, 9mm hose fitting	5	469.0913418 *
Metric captive, GM (3093112) 52454645, 15-3984, Opel/Vauxhall 90381758, 1850713, 6845673, 1850712, 52454645, Rover JUU100150, JUU100230	5	469.09M2111 *
Audi/VW 1J0-820-749, Nissan 92475 72L00, Calsonic A9550 69215	5	469.09M2110 *
Volvo/Saab 3545416 hose fitting	5	469.0913326 *
#10 Metric fitting, Chrysler 4740401, 4741701, Ford YF-1755, 391304-S100, 701426-S300, 6-753-636, 391304-S100	20	469.0901555
Audi/VW #10-5/8 Standard Hose fitting 8A0-260-749AH, Ford 19E715	5	469.0913333 *
Volvo 3522590-3, 3537507-0 #10-5/8 Standard hose fitting	20	469.09M2134 *
Mercedes 140-997-09-45, Porsche 999-707-251-40	5	469.09M2128 *
Nissan 92473 N8210, Calsonic A9550 69220, Chrysler 4796564, Jaguar KSG113624, Rover JYX100080, JYX100190	5	469.09M2124
Alfa Romeo 14457180, Opel/Vauxhall 1850710, 90462478, 90487638, 1845690, 52454646, #12 GM Captive	5	469.09568113 *
Hose fitting, Nissan 27739-B8065, Jaguar CBC4967, Opel/Vauxhall 1845686, 6845674	5	469.09016
16mm hose fitting, Audi/VW 1H0-820-749H	5	469.0913456 *
Alfa Romeo 60811547, BMW 64-50-8-369-241, Jaguar KSR610001, KSR115001, 15mm Comp. Manifold	5	469.09568114 *
#12 Metric Hose Springlock, Ford YF-1752, 391305-S100, 390209, W702560, 6-918-663, 6-339-124	20	469.0901755
Audi/VW 1J0-820-749A, 8A0-260-749AG, Chrysler 04746781, Nissan 92474 N8210, Calsonic A9560 69220	5	469.0913449 *
Audi/VW 1J0-820-749B, Mercedes 140-997-09-45, Porsche 999-707-252-40	5	469.09175
Volvo 3522591-1, 3337521-1, 35222591-0, 3537521-1, #12 Standard hose fitting, Accumulator o-ring	10	469.09M2139 *
Audi/VW 803-260-749C, Ford 19E715-DA	5	469.0913340 *
Block fitting, Opel/Vauxhall 90459251, 9117115/1618132, 1850711	5	469.09M2144 *
Block fitting Volvo 3537508, 3522592	5	469.09208
Volvo/Saab 6847526	5	469.0913463 *
Nippondenso/Sanden 18mm ID compressor manifold	5	469.09116
Green or Red oval cross section, Ford YF-1475, 390697-S	5	469.09OV116 *
Ford W702645	5	469.0913364 *
Valve O-ring, Audi/VW 1H0-820-749, 1H0-820-749G	5	469.09M2141 *
Mercedes w/ Nippondenso comp. 000-230-00-56	5	469.09M2152 *
Opel/Vauxhall 6556407, 1854905, GM switchport	5	469.09118
Volvo/Saab 1324181	5	469.0913371 *
Alfa Romeo 60811547, Chrysler N806959-S, Citroen/Peugeot 6457R1, Ford YF-1593, 1962, N805340-S, N806959-S, 6-671-099, Jaguar JYX100140, Mercedes 6556621, Nissan J2657-06W60, 27739-B8063, and numerous other applications	5	469.09211
Audi/VW 701-820-749G	5	469.0913395 *
GM/Harrison Compressors (Oval cross Section) Opel/Vauxhall 6558587	5	469.09OV211 *
BMW 64-50-8-363-041, Opel/Vauxhall 1850723, 9050832, Sanden SD708, SD709 shaft seal seat, Chrysler Compressor RV2 Discharge Muffler	5	469.09568119 *

AUTO A/C MAINTENANCE ASSORTMENT

Tray 5 - 163 Pieces	Qty.	Art. No.
Audi/VW 400-260-749A	5	469.0913388*
Standard Hose Fitting #6 - 3/8"	25	469.09011
Standard Hose Fitting #8 - 1/2"	25	469.09013
Standard Hose Fitting #10 - 5/8"	25	469.09015
Standard Hose Fitting #12 - 3/4"	25	469.09017
Chrysler, Ford, Mercedes OEM, LS R-134a 13mm port M10x1.25	2	469.6085
Low side cap fits 469.6085	2	469.9537
Chrysler, Ford, GM OEM, HS R-134a 16mm port M12 x 1.5	2	469.6105
High side cap fits 469.6105	2	469.9536*
13MM LS cap fits 469.132585	2	469.09623*
Aeroquip-style OEM R-134a Low Side Port with valve	2	469.132585
16MM HS cap fits 469.132655	2	469.09624*
Aeroquip-style OEM R-134a high side port with valve	2	469.132655
8mm GM Block fitting "Slim Line"	2	469.09887
11mm GM Block fitting "Slim Line"	2	469.09888
15mm GM Block fitting "Slim Line"	2	469.09889
17mm GM Block fitting "Slim Line"	2	469.09890
5/8" Thick Black	2	469.09638
5/8" Thick Silver	2	469.09639
3/4" Thin Silver	2	469.09640
Standard Valve Core	2	469.9545
GM Late Model High Flow Valve Core	2	469.9547
JRA (Japanese Refrigeration Association) High Flow Valve Core	2	469.9548
8mm Low Side Valve Core	2	469.09676*
10mm High Side Valve Core	2	469.09677*
R-134a Peugeot/ Volvo High Flow Valve Core	2	469.09679*

A/C SYSTEM SUPER FLUSH



Art. No. 892.76404 4 L

- Ester-based flush is compatible with R-134a, R-22 and R-12 A/C lubricants
- Absorbs and carries moisture from the system
- Will not react with copper, aluminum or brass
- Will not harm O-Rings, hoses, PAG, mineral or ester oil
- Non-hazardous and non toxic
- Non-flammable
- Biodegradable and environmentally friendly
- Aids in lubricating compressor
- Use approximately 1 litre per application

FLOW CONTROL FLUSH GUN



Art. No. 891.1300

- Flow control flush gun can be used with or without air hose attached
- Ideal for removing contaminants, moisture and acid from air conditioning systems using R-134a and R-12 refrigerants

FAST EVAPORATION A/C FLUSH WITH GUN KIT



Art. No. 892.76403 236 mL

Pressurized flush treatment for automotive A/C systems

- Ready to use high pressure flush
- Excellent cleaner, fast evaporating
- Safe for all air conditioning systems
- Removes oil, debris and other contaminants from air conditioning systems components
- Constant pressure until can is empty
- Quick drying under vacuum

Includes a re-usable flush gun and hose

A/C SYSTEM FLUSHING AGENT



Art. No. 892.76402 425 g

Pressurized flush treatment for automotive A/C systems

- Ready to use high pressure flush
- Excellent cleaner, fast evaporating
- Safe for all air conditioning systems
- Removes oil, debris and other contaminants from air conditioning systems components
- Constant pressure until can is empty
- Quick drying under vacuum

Note: To be used with gun and hose from 892.76403 kit

UNIVERSAL HIGH SIDE IN-LINE FILTER



Art. No. 469.13128

- OEM tested and approved
- Protect against costly repeat compressor failure
- Single kit fits 5/16", 3/8" and 1/2" lines
- Captures residual debris in the A/C System
- Can be used as a line splice or repair device for damaged orifice tube holders
- Incorporates any size orifice tube with included installation clip
- Quick and easy leak free installation
- Requires only 4" of straight refrigerant line
- Tapered sealing sleeve provides 10 times the sealing area of older filter designs
- Shorter overall filter length, with 3 times the capacity of older filter designs; reduces pressure and flow restrictions
- Provides the reliable solution technicians have been asking for to reduce comebacks on compressor replacements, especially rear A/C systems

AIR CONDITIONING RETRO-FIT COMPONENTS – PREFIX 469



7502



9536



7513



75139



9537



75013



972954



715175



9545



9547



9548



7406

R134A ALUMINUM MANIFOLD GAUGE WITH 72" HOSES & COUPLERS



Art. No. 764.27491

- Includes 72" hoses - red, blue, yellow and service couplers
- Scales in PSI and BAR measurements
- Large display gauge for visual inspections
- Auxiliary vacuum line access port

AIR EVAC II TOOL



Art. No. 714.5518

For professional cooling system service. Refill cooling systems without airlocks. The coolant refiller is an economical alternative to the original Air-Evac unit. This nylon composite version rather than brass does the same function of evacuating air, leak testing and refilling coolant systems.

Features:

- Built in venturi assembly
- Easy push button vacuum control valve
- Recessed Gauge with protective collar
- Universal cone adapter fits most radiators
- Durable plastic with nylon weave for added strength

Benefits:

- Fast re-filling of cooling system in minutes
- No need to jack up suspension or use time consuming bleed valves
- No airlocks means no comebacks saving time and money
- Built in leak test ensures system integrity before filling
- Clean and fast - no mess- no spills
- Saves time: easier use through not changing hoses
- Saves time figuring out which adapter fits
- No worries about broken gauges and needing replacement
- No need to interchange hoses
- One size fits all radiators, including imports

Target:

End user markets, service centers, dealerships, radiator shops.

Application:

The **AIR-EVAC II** tool uses shop air to pull a vacuum on the system, checks for leaks if the system holds vacuum, refills the entire system with coolant in just seconds and eliminates any possible airlocks. The tool is to be used on a drained radiator (the rest of the system may contain residual coolant). Operated by shop air, the tool will evacuate the air in the system via a powerful vacuum. You then perform a vacuum leak test on the system by determining if the vacuum holds. Then, simply refill the system by opening a valve and allow the vacuum created to draw the coolant mixture back into the system. It does not require interchanging hoses mid operation as the venturi is built in. Vacuum gauge is recessed for better protection and it comes with a universal fit all cone adapter.

Air Evac II assembly:

- Venturi connector and hose
- Fill hose with filter
- (4) sizes of rubber adapters and (1) cone adapter

4-5 PIN TRAILER HARNESS TESTER



Art. No. 695.0045

The 4/5 Pin Trailer Harness Tester quickly and easily checks electrical harnesses and traces each lighting function to the terminal in question.

Features:

- Plugs into the trailer plug
- Each led light corresponds to the circuit being energized
- Provides an easy to connect ground terminal for trailer lighting setup
- T = Tail Lights; LT = Left Turn; RT = Right Turn; A = Accessory

6 ROUND PIN TRACTOR TRAILER CIRCUIT TESTER



Art. No. 695.0052

The 6-Way Round Pin Tractor Trailer Circuit Tester quickly and easily tests trailer circuits on older light and medium duty trucks and campers.

Features:

- LEDs indicate that each circuit is working
- "Winged" grip for easy removal from electrical connector
- Weatherproof
- LT = Left Turn; RT = Right Turn; EB = Electric Brake; TM = Tail & Markers
- 12v = 12 volts

7 ROUND PIN TRACTOR TRAILER CIRCUIT TESTER



Art. No. 695.0057

The 7 round pin tractor trailer circuit tester allows one-man testing of towing circuits, male and female 7-way round pin tractor trailer plugs, at the back of the truck.

Features:

- Troubleshoot tractor trailer circuits
- One person can now test all the lighting
- Allows bypassing of troubled circuitry while on the road
- Eliminates guesswork
- Packaged with an extra jumper connector
- "Winged" grip for easy removal from electrical connector

7 FLAT SPADE PIN TRAILER CIRCUIT TESTER



Art. No. 695.0058

The 7-Way Flat (Spade) Pin Trailer Circuit Tester quickly and easily tests trailer circuits on most light and medium duty trucks and campers.

Features:

- Plugs into the vehicle side socket
- LEDs indicate that each circuit is working
- "Winged" grip for easy removal from electrical connector
- LT = Left Turn; RT = Right Turn; TM = Tail & Markers; BU = Back-up Lights; BK = Brake (LT/RT Illuminated)
- 12V = 12 Volts

3-WAY TRAILER ADAPTER



Art. No. 695.0080

One adapter for all your trailer needs. The 3-Way Trailer Adapter allows 7-way flat (spade) pin type terminal connections to 6-way round pin and 4/5 pin trailer connections.

Features:

- Sealed plugs to keep road debris from corroding connections
- Made from strong nylon 6
- "Winged" grip for easy installation and removal

7 SPADE PIN TRAILER TESTER



7-WAY FLAT (SPADE) PIN



Art. No. 695.07001

Professional trailer, utility, boating and RV trailer tester, that saves time and reduces guesswork by powering trailer without the vehicle.

Features:

- Durable, rugged, portable, water resistant compartment
- Tests 7 flat, 6 round, 4/5 flat pins
- Trickle charger and trailer plug adapter included
- External 12V power port
- Internal battery compartment (battery not included)

Benefits:

- Convenient trailer light tester & brake tester without use of a vehicle
- Short circuit protection
- Turn signal simulation and power verification LED
- For use on DC circuitry only
- External power port can be used as a memory saver, test light supply or as a trickle charge input

Specifications	
Input	12V DC
Output	10A - 12V DC
Battery Required	Yes
Battery Dimensions	L:6" x W:4" x H: 5 3/4" (YTX-14 or similar)
Circuit Protection	Automatic resetting internal breaker
Connection Type	7 flat, 6 round, 4/5 flat pin
Controls	Manual control knob
Weight	2 lbs. (without battery)
Packaged Dimensions	L:11.582" x W:5.070" x H:7.143"
Includes	3-Way trailer adapter & 500 mA trickle charger

Note: Recommended Battery **Art. No. 827.000003** or similar 12V block motorcycle battery

7 ROUND PIN TRAILER TESTER

Art. No. 695.07002

Commercial trailer and electric brake tester, that saves time and reduces guesswork by powering trailer electrical circuit in 7-way round pin arrangements without use of the truck.

Features:

- Durable, rugged, portable, water resistant compartment
- Tests 7-way round pins
- Trickle charger included
- External 12V power port
- Internal battery compartment (battery not included)

Benefits:

- Allows for proper verification of wiring configuration, ground integrity, short circuit and overload conditions, along with electric brake operation and turn signal simulation
- Short circuit protection
- Turn signal simulation and power verification LED
- External power port which can be used as a memory saver, test light supply or as a trickle charge input
- For use on DC circuitry only



Note: Recommended Battery **Art. No. 827.000003** or similar 12V block motorcycle battery

Specifications	
Input	12V DC
Output	10A - 12V DC
Battery Required	Yes
Battery Dimensions	L:6" x W:4" x H: 5 3/4" (YTX-14 or similar)
Circuit Protection	Automatic resetting internal breaker
Connection Type	7-way round pin controls
Controls	Manual control knob
Weight	2 lbs. (without battery)
Packaged Dimensions	L:11.582" x W:5.070" x H:7.143"
Includes	500 mA Trickle charger

PREMIUM GLADHANDS & REPLACEMENT SEALS



- Brightly coloured powder coat for corrosion resistance, less wear and therefore longer service life.
- Cast aluminum.
Corrosion resistant material provides longer product life during harsh Canadian winters.
- Stainless steel clamp and wear plate eliminate corrosion of these important mating surfaces.
- Colour matched polyurethane seals resist oil and chemicals, providing improved sealing and longer service life.
- Includes filter.

Premium Gladhands				
Configuration	Material	Filter	Art. No.	P. Qty.
Emergency Red	Powder Coated	Yes	885.32.03	2
Service Blue	Powder Coated	Yes	885.32.04	
Service & Emergency Set	Powder Coated	Yes	885.32.05	1 kit

Note: **Art. No. 885.32.05** includes one each of **Art. No. 885.32.03** and **885.32.04**



GH-SEAL STANDARD



GH-SEAL-2 UMBRELLA

Replacement Seals		
Colour Code	Type	Art. No.
Black	Rubber	884.GH-SEAL
	Rubber Umbrella Seal	884.GH-SEAL-2

STANDARD GLADHANDS



- Cast aluminum.
Corrosion resistant material provides longer product life during harsh Canadian winters.
- Stainless steel clamp and wear plate eliminate corrosion of these important mating surfaces.
- Polyurethane seals resist oil and chemicals, providing improved sealing and longer service life.

Recommended:

Replacement Seals **Art. No. 884.GH-SEAL** and
Art. No. 884.GH-SEAL-2

Standard Gladhands				
Configuration	Material	Filter	Art. No.	P. Qty.
Emergency Red	Aluminum	No	885.32.01	2
Service Blue			885.32.02	

RATCHET ASSEMBLIES



Art. No. 713.459822

30' Ratcheting strap with wire hook

Strap			
Breaking Strength	Working Load Limit	Width	Length
10,000 lbs / 4545 kg	3333 lb/ 1515 kg	2"	30'

End			
Breaking Strength	Working Load Limit	Description	Dimensions
10,000 lbs / 4545 kg	3333 lb/ 1515 kg	Narrow hook 2"	3.9" Long

WINCH STRAP ASSEMBLIES

Art. No. 713.41660



3" Winch strap with chain anchor

- Heavy-duty, wear- and weather-resistant load control straps
- Strong, dependable hardware for the demanding conditions of flatbed operations
- Meets or exceeds standard WSTDA T-1 specifications for synthetic fiber webbing tiedowns
- Also complies with California Highway Patrol specifications

End			
Breaking Strength	Working Load Limit	Description	Dimensions
16,200 lbs / 7363 kg	5400 lbs / 2452 kg	Anchor point, with delta ring	17"

Strap			
Breaking Strength	Working Load Limit	Width	Length
16,200 lbs / 7363 kg	5400 lbs / 2452 kg	3"	30'



Art. No. 713.43795

4" Winch Strap with Chain Anchor

Strap			
Breaking Strength	Working Load Limit	Width	Length
16,200 lbs. / 7363 kg	5400 lbs. / 2452 kg	4"	30'

End			
Breaking Strength	Working Load Limit	Description	Dimensions
16,200 lbs. / 7363 kg	5400 lbs. / 2452 kg	3" Flat Hook	3.75" x 3.25"

WEB WINCH



Art. No. 713.435641

Low Profile Portable with 2 Set Screws

- Minimum breaking strength of 18,000 lbs/ 8,164 kg
- Working load limit of 6,000 lbs/ 2,721 kg
- Complies with DOT, California CHP, WSTDA-T3 and Canadian Standard 905
- Seamless solid-steel mandrels, high-strength alloy pawl pins
- Available in different configurations to suit your various load requirements for flatbed applications
- Powder coated to resist abrasion and rust
- Right hand models
- Periodically inspect, clean and lubricate winches

Style	Side Mount
Weight	10.1 lbs/ 4.6 kg
Overall Width	7.49"
Spool Width	4.63"
Frame Height	4.07"
Frame Depth	4.00"

RUBBER TIES



- 6.82 kg/15 lbs of tension
- Crimped hooks to prevent loss
- Designed to hold tarp covers on trucks and trailers
- Not to be used to restrain or secure cargo
- Molded rubber construction for high ozone resistance and stretch resiliency
- Stretches up to twice its length

Description	Art. No.
15"	713.41567
21"	713.41569
31"	713.41571
41"	713.41573

TENDER KIT – 25" DOUBLE



Art. No. 885.94212

- Large snap clip
- Heavy duty clamp hanger
- Heavy duty spring
- Protective sleeve
- Yoke included

HEAVY DUTY 7 – WAY SOCKET



Art. No. 560.67072

- Die-cast zinc housing for rugged use
- Meets SAE J560 requirements
- Machined brass terminal pins for maximum current carrying ability
- Can be repaired with standard tools, allowing for field repairs
- Bull-nose style cover allows for one-handed connection
- Designed to divert water and other road dirt
- Stainless steel latch spring
- Interchangeable with other SAE-type 7-way connectors

HEAVY DUTY 7 – WAY PLUG



Art. No. 560.67071

- Die-cast zinc housing for rugged use
- Meets SAE J560 requirements
- Machined brass terminal pins for maximum current carrying ability
- Split pin design
- Can be repaired with standard tools, allowing for field repairs
- Includes spring guard for improved cable protection
- Interchangeable with other SAE-type 7-way connectors

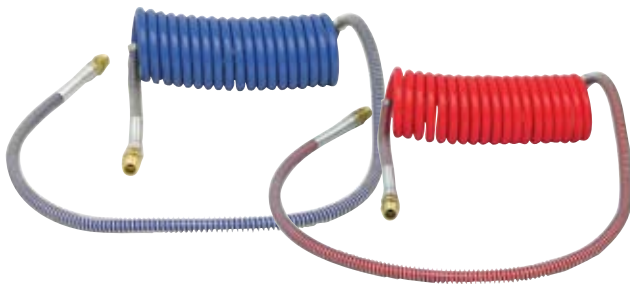
UNIVERSAL MOUNTING BRACKET



Art. No. 560.67000

- Mounting bracket for **Art. No. 560.67072**
- Black powder coated

AIRCOILS



- Coiled, 1/2" O.D., reinforced, nylon tubing
- Excellent coil memory and durability
- Each set includes both colour-coded (red = emergency / blue = service) assemblies
- Meets SAE J844 and DOT FMVSS 106 - (49 CFR 571.106 & 49, CFR 393.45)
- Designed for 150 psi operating systems
- Resistant to attack by gasoline, diesel fuel, methyl-alcohol and zinc chloride
- Male pipe - brass fittings
- Heavy duty plated spring guards
- Aircoils with 1/2" NPTF fittings

Tube O.D	Length	Tractor End Pigtail Length	Fitting (thread)	Trailer End Pigtail Length	Flex-grip (thread)	Art. No.
1/2"	15'	12"	1/2"	12"	1/2"	885.60.100
1/2"	15'	40"	1/2"	12"	1/2"	885.60.120

AIR POWER LINE 3 IN 1

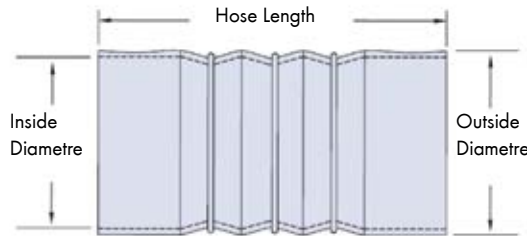


Art. No. 885.60.340

The 3 in 1 Air Power Line contains:

1. Service air line
2. Emergency air line
3. ABS power line (green) all enclosed in spiral wrap
 - Hanger bracket mounting assembly included for easy suspension
 - Red and blue flex-grips for easy identification and gladhand connection
 - Air lines have swivel fittings at tractor end for quick installation
 - Power line is fully ABS compatible
 - Length: 15'

CHARGE AIR COOLERS HOSE – COLD



Colour	I.D.		Overall Length	Inches	Art. No.	P. Qty.
	mm	in.	mm			
Blue	101.6	4"	152.40	6"	897.9080004	1

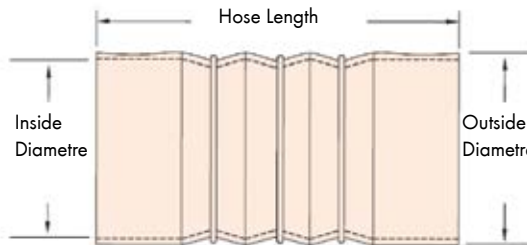
Construction

- 4 plies of silicone rubber with polyester woven reinforcement with blue cover and 304 stainless steel restraining rings

Operating Temperatures

- -65°F to + 350°F
- -54°C to + 177°C
- Designed and engineered to connect engine mounted charge air systems
- UV and ozone resistant
- Ideal for minor misalignments and handling vibration between hose ends
- 304 stainless steel rings reduce swelling and increase hoop strength

CHARGE AIR COOLERS HOSE – HOT



Colour	I.D.		Overall Length	in	Art. No.	Qty
	mm	in	mm			
Red	101.6	4"	152.40	6"	897.9080104	1

Construction

- 4 plies of silicone rubber with aramid woven reinforcement with red cover and 304 stainless steel restraining rings

Operating Temperatures

- -65°F to + 500°F
- -54°C to + 260°C
- Designed and engineered to connect engine mounted charge air systems
- UV and ozone resistant
- Ideal for minor misalignments and handling vibration between hose ends

WÜRTH UNIVERSAL LINE SPLICES – EXTENSIONS



Aluminum Tubes

Features:

- Replace up to 12" (305mm) of damaged metal line with pre-cut aluminum tubes
- Standard and Metric sizes available

Description	Length	O.D.	Art No.	P. Qty
Aluminum Tube (Metric)	12"	10mm	764.000835	4

WÜRTH UNIVERSAL LINE SPLICES – LINE TO LINE

Air conditioning, heater, transmission and power steering lines and hoses are exposed to road debris, salt, weathering and sometimes burst or crack. Such problems create major failure in the engine compartment and it becomes necessary to replace OEM parts. Metal lines, rubber hoses, intensive labour lead to time consuming and cost-prohibitive repairs.

Features:

- Durable repairs for A/C, heater, transmission, and power steering lines
- OE approved
- Efficient, permanent, leak-free repairs in less than 10 minutes
- Resists up to 2,600 psi
- SAE & Metric sizes
- Metal to metal, metal to hose, straight & 90 degree connectors
- Barrier hose and aluminum lines available in various diameters

Benefits:

- No special tools needed
- No welding, glue, or sealing chemicals required
- No line removal
- Resists vibration leaks

Areas of application:

- Air conditioning lines
- Heating & cooling lines
- Engine oil lines
- Engine oil cooler lines
- Power steering return lines
- Transmission lines
- Transmission oil cooler lines



Seal Sleeve - up to 8 times more sealing surface area than O-Ring

Self-adjusting, anti-vibration tension ring - resists vibration leaks

Description	O.D.	Art No.	P. Qty
Line Splice Straight Repair Kit (Metric)	10mm	764.000855	1
	12mm	764.000856	



Line Splice Straight Repair Kit

Description	O.D.	Art No.	P. Qty
Line Splice Straight Repair Kit (SAE Standard)	5/16"	764.000850	1
	3/8"	764.000851	
	1/2"	764.000852	
	5/8"	764.000853	
	3/4"	764.000858	

Line Splice 90° Repair Kit



Description	O.D.	Art No.	P. Qty
Line Splice 90° Repair Kit (SAE Standard)	5/16"	764.00901	1
	3/8"	764.00902	
	1/2"	764.00903	
	5/8"	764.00904	
	3/4"	764.00905	

WÜRTH UNIVERSAL LINE SPLICES – LINE TO HOSE

Quickly connect metal line to rubber hose with a seal technology that's superior to traditional compression fittings!



Description	Dimensions	Art No.	P. Qty
Splice Straight Connector	1/2" Line to #8 Hose	764.002111	1
	3/8" Line to #6 Hose	764.002112	
	5/16" Line to #6 Hose	764.002113	
	5/8" Line to #10 Hose	764.002114	
	3/4" Line to #12 Hose	764.002115	

Features:

- Leak-proof line splice technology on the metal side of the connection
- Superior Burgaflex hose crimp technology on the rubber side
- Installs in 5 minutes
- Meets OEM performance and durability requirements

Note: After cutting the aluminum tube, it is recommended to clean the edges and remove debris with the Deburring Tool Assortment-32 pieces, **Art. No. 965.42100**

SPLICE REPAIR CLAMP CRIMPER



Art. No. 714.10797

Features:

- Specifically designed to crimp the clamps on the hose-to-line splice connector
- Auto stop function to avoid over tightening the clamps or damaging the rubber hose
- Easy to use with ergonomic plastic handles