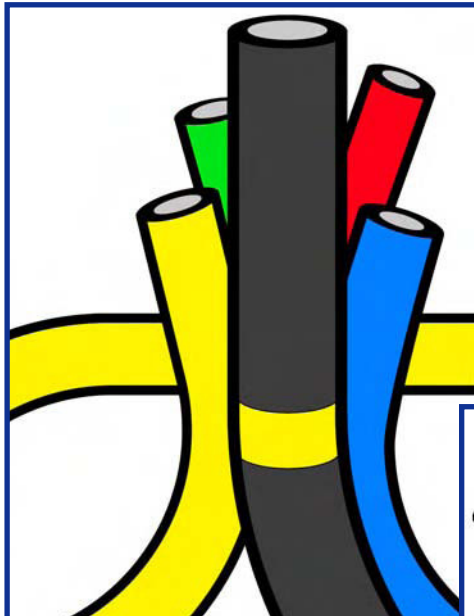
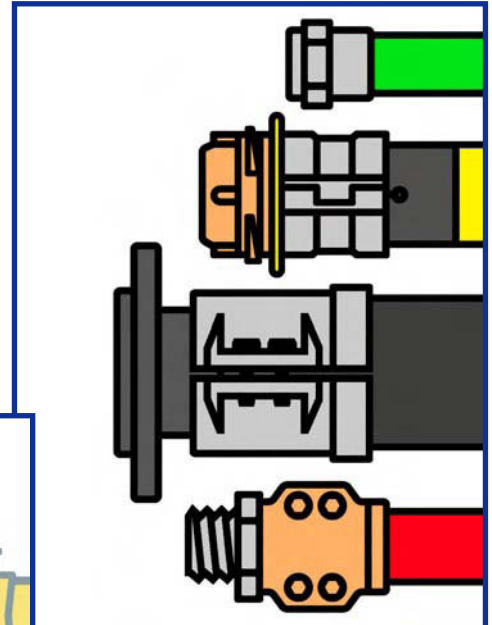


Product Guide

Hoses · Fittings · Couplings · Expansion Joints · Nozzles



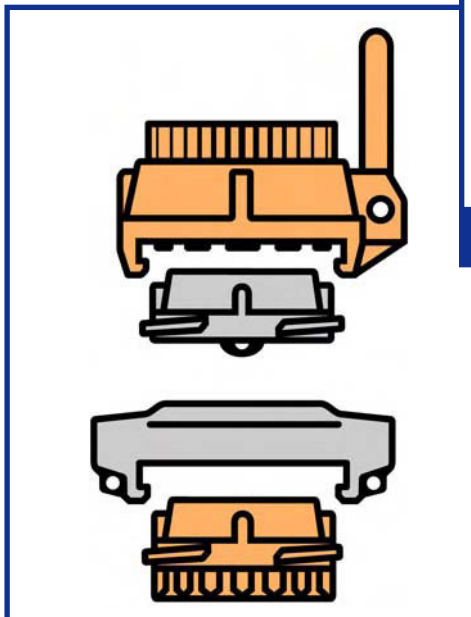
Petrol + Chemical Hoses



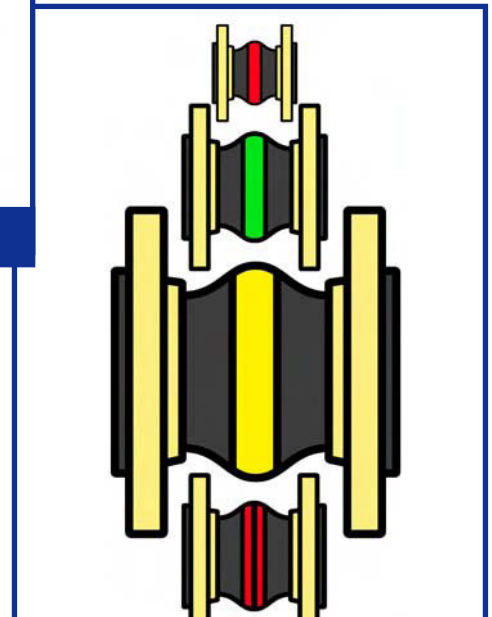
Hose Fittings



Nozzles + Accessories



Tank + Pipe Fittings



Rubber Expansion Joints

ELAFLEX



Petrol + Chemical Hoses

Quality hoses by ELAFLEX / ContiTech, setting the standards. Available as reel, cut lengths or hose assemblies.

Aircraft refuelling hoses (EN 1361, API 1529)

"YELLOW BAND"
Types HD-C,
VHD, PHD, TW-E.

Suitable for all aviation
fuels. With NEON bands
for improved visibility.

Specified by all major
oil companies.
Lining NBR, working
pressure 20 bar.



Fuelling hoses without helix (EN 12115, TRbF)

"YELLOW BAND"

Type HD 10-200 without helix, for reel operation.
Suitable for all petroleum based products. Lining NBR.
W. P. 20 bar.

Type HD



Fuel oil reel hose

Type XHD 32-50 without helix. Suitable for
petroleum based products up to +65° C. Lining NBR
W. P. 16 bar.

Type XHD



Universal tank hoses (EN 12115, TRbF)

"BLUE-WHITE-BLUE"

Type UTD 13-25 without helix, UTS 19-150 with helix.
Suitable for most chemical and petroleum based
products and solvents. Lining UPE white with
patented OHM conductive stripe.
Working pressure 16 bar.

Type UTS

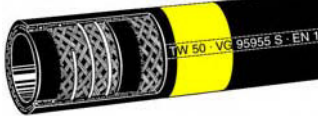


Tank truck hoses (EN 12115, TRbF)

"YELLOW BAND"

Type TW 19-200 with helix. Suitable for all petroleum
based products. Lining NBR. Working pressure 16 bar.

Type TW



LPG hoses (EN 1762)

"ORANGE BAND"

Type LPG 10-100 without helix; type LPG 16
for Autogas. Suitable for propane, butane and
other L. P. gases. DVGW-approved. Lining NBR.
Working pressure 25 bar.

Type LPG

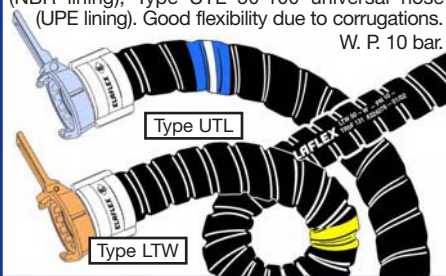


Corrugated tanker hoses (EN 12115, TRbF)

Type LTW 50-100 for petroleum based products
(NBR lining), Type UTL 50-100 universal hose
(UPE lining). Good flexibility due to corrugations.
W. P. 10 bar.

Type UTL

Type LTW



Hot bitumen hoses (EN 13482, TRbF)

Type HB 50 -100 with helix. Suitable for hot bitumen
and heavy fuel, -25° C up to + 200 ° C. Lining NBR.
Working pressure 7 bar.

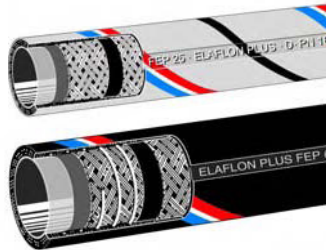
Type HB



Elaflon Plus FEP (EN 12115, TRbF)

Type FEP 13 D without helix, FEP 19 -100 with helix.
Universal hose with seamless FEP lining for all
standard chemicals in use. DN 13-50 with light
grey cover and OHM conductive spiral, DN 63-100
with black cover. Working pressure 16 bar.

Type FEP



ELAFLON PLUS PFA (EN 12115, TRbF)

Type PFA 13-100. Form D without helix, form SD
with helix. Universal hose with **conductive, seam-
less lining of PFA** for all standard chemicals in use.
Working pressure 25 bar.

Type PFA



Steam hose (DIN 2825, ISO 6134)

Type SD 13-50. Suitable for wet saturated steam up
to max 18 bar (210° C) and hot water up to 120° C.
For cold water up to 25 bar.
Lining EPDM.

Type SD



Petrol pump hoses (EN 1360, TRbF)

Contitan "C", Slimline "SL". Quality petrol pump
hoses for gasoline and diesel. Cold flexible down to
-30°C (LT-Type down to -40°C). Assembly with
ferrule type fittings. Working pressure 16 bar.

Type C

Type SL



Chemical hoses (EN 12115, TRbF)

"LILAC BAND"

Type CHD 13-38 without helix, CHS 25-150 with helix.
Suitable for more than 75% of all industrial chemicals.
Lining EPDM. Working pressure 16 bar.

Type CHS



Polypal Clean (EN 12115, TRbF)

Type PCD 13-25 without helix, PCS 25-75 with helix.
"Clean" universal hose for almost all fluids.
Lining UPE bright with conductive spiral stripe.
Cover EPDM light-grey, antistatic, scuff proof.
W. P. 16 bar.

Type PCS



Solvent hoses (EN 12115, TRbF)

"BLUE BAND"

Type LMD 9-25 without helix, LMS 25-150 with helix.
For most solvents and paints, also water based.
Lining NBR blue, antistatic. W.P. 16 bar.

Type LMS



Foodstuff hoses (EN 12115, TRbF)

"WHITE BAND"

Type LBD 25 without helix, LBS 50-100 with helix.
For all foodstuffs, milk, oils, fats, flour, molasses,
dextrose and sirups. Lining NBR white, cover NBR/
PVC blue. W. P. 10 bar.

Type LBS



COAX hose assemblies (EN 13483, TRbF)

COAX hose assemblies DN 21/ 8 for dispensers
with active vapour recovery. Cold flexible down to
-30°C (LT-Type -40°C). W. P. 16 bar.

Type COAX



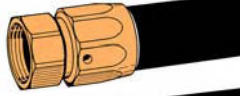
Resistance chart hoses see www.elaflex.de/english/products/section6.asp

Safe and secure connections.

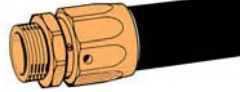
Hose fittings ferrule type (VG 95951/EN 14424)

Female/ male hose fittings (ferrule type) with union nut, DN 13-25. Of brass, chrome plated brass or stainless steel. Also available as non-reusable NR-Type.

Type M



Type V



Accessories:

anti-kinking sleeve KS 16
colour sleeve CS 16



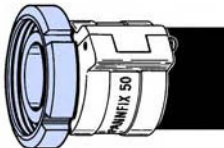
anti-kinking sleeve KS 21
colour sleeve CS 21



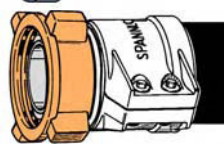
Special types (DIN 405, EN 14422-7)

Hose fittings of stainless steel with special thread according DIN 405 for foodstuffs up to 16 bar. Hose fittings of brass / steel with ACME thread for LPG up to 25 bar. SPANNFIX or SPANNLOC clamps.

Type RMX



Type ACM



"TW" hose couplings (DIN 28450/EN 14420-6)

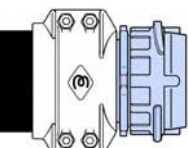
TW hose couplings DIN 28450, with SPANNFIX or SPANNLOC clamps. Working pressure up to 16 bar.



Type VKX

- brass -

Type MKX



Type VKC...SS

-stainless steel-



Type MKC...SS

"Storz" hose couplings

STORZ hose couplings of aluminium. SPANNFIX or SPANNLOC clamps. Working pressure up to 10 bar.

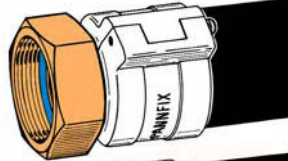
Storz



SPANNFIX hose fittings (DIN ISO 228, NPT)

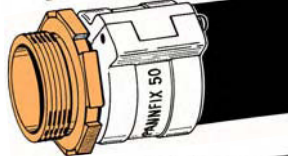
Female/male hose fittings with re-usable SPANNFIX pinned safety clamps of hot stamped aluminium. DN 19-100. Working pressure up to 25 bar.

Type MX

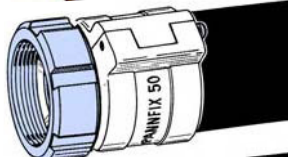


- brass -

Type VX

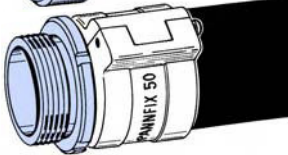


Type MX...SS



-stainless steel-

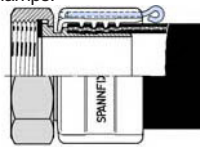
Type VX...SS



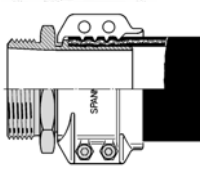
Steel hose fittings (EN 14420, 14422)

Female / male hose fittings of steel, zinc plated and chromated. For LPG, ammonia, mechanical engineering applications. - Working pressure up to 25 bar. SPANNFIX or SPANNLOC clamps.

Type SMX



Type SVC



"Camlock" hose couplings (EN 14420-7)

Camlock hose couplings, of brass or stainless steel. With SPANNFIX or SPANNLOC clamps. Working pressure up to 10 bar.

Type AVKC



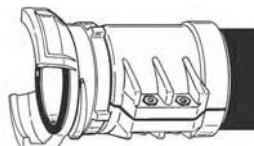
Type AMKX



"Guillemin" hose couplings (EN 14420-8)

GUILLEMIN hose couplings of aluminium. SPANNFIX or SPANNLOC clamps. Working pressure up to 10 bar.

Guillemin



SPANNLOC hose fittings (DIN ISO 228, NPT)

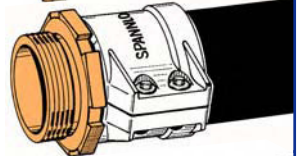
Female/male hose fittings with re-usable SPANNLOC bolted clamps of hot stamped aluminium. DN 13-100. Working pressure up to 25 bar.

Type MC



- brass -

Type VC

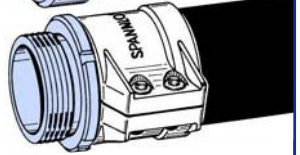


Type MC...SS



-stainless steel-

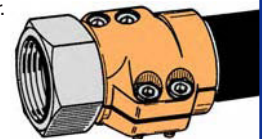
Type VC...SS



Hose fittings for steam (EN 14423)

Male / female hose fittings with bolted clamps of hot stamped brass. Hose tail and union nut of steel zinc plated + chromated, or brass. Suitable for saturated steam up to +220°C, compressed air, oxygen and oils up to 25 bar.

Type SMS

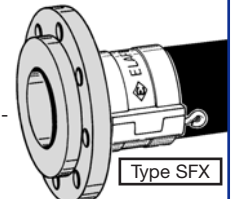


Flanged hose fittings (DIN 1092, EN 14420-4, DIN 2826)

Swiveling or fixed flange, SPANNFIX or SPANNLOC clamps.

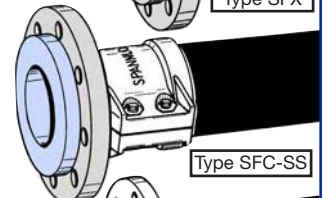
- steel, zinc pl. + chromated -

Type SFX



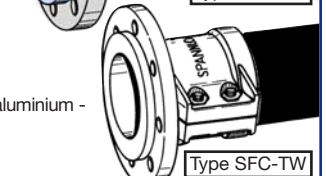
- stainless st. -

Type SFC-SS



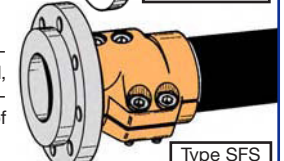
- "TW" flange, aluminium -

Type SFC-TW



heavy type for saturated steam of steel, zinc plated and chromated. Clamps of hot stamped brass.

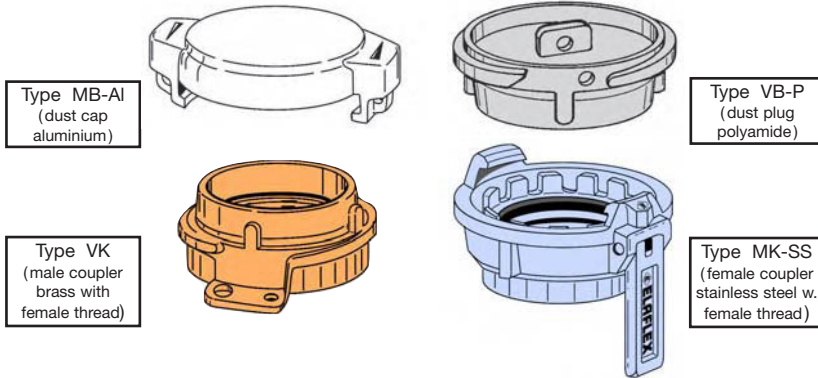
Type SFS



Safe and secure connections.

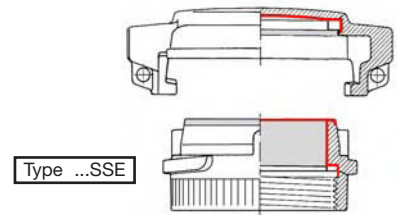
"TW" couplings (DIN 28450, EN 14420-6)

Quick couplers acc. DIN 28450 - one hand tightening without tools, safe and leak-free connection. For tankers and industrial applications. Sizes 2", 3" und 4". Of hot stamped brass (standard), stainless steel or hot stamped aluminium. Dust plugs also of polyamide. Working pressure up to 16 bar.



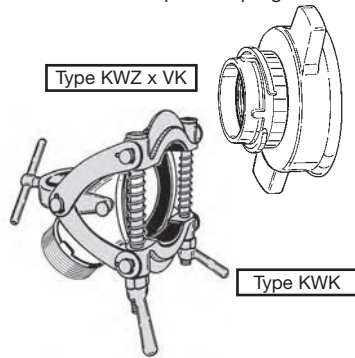
Teflon® PFA coating

All stainless steel fittings, flanges and couplings available with red coloured PFA coating for specially aggressive media.



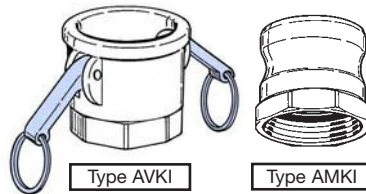
Accessories for rail car tankers

Rail car adapters KWZ one end with rail car thread 51/2" DIN 11, other end male thread BSP or quick coupling. - Rail car discharge coupling KWK with male thread or quick coupling.



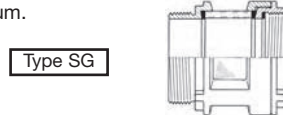
Camlock couplings (DIN 2828, EN 14420-7)

Dust caps AMB, male couplings with female thread AVKI, dust plugs AVB, female couplings with female thread AMKI. Made of aluminium, brass or stainless steel. W. P. max. 10 bar.



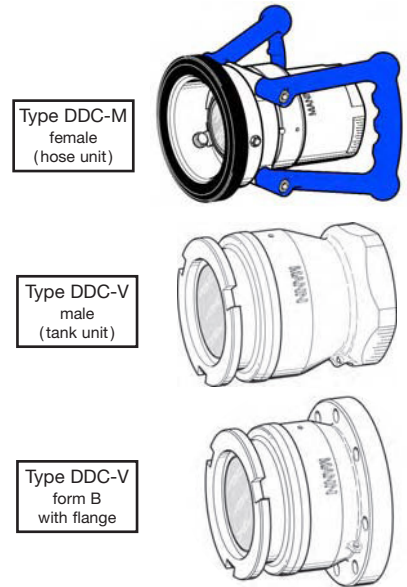
Sight glasses

Sight glasses type SG (with BSP thread). - Type TSG (one side with tank truck flange DIN 28459). Of brass, brass chromated or aluminium.



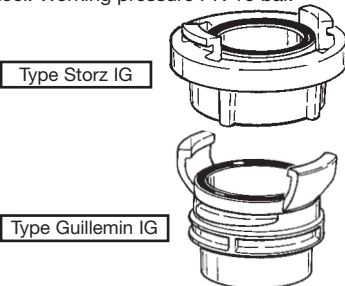
DDC Dry Disconnect Couplings (STANAG 3756)

Self locking coupling, Mann Tek brand. For liquid media or liquefied gas. Can be coupled up to 7 bar. Made of brass/bronze, aluminium or stainless steel. Working pressure PN 25 (PN 16 for aluminium).



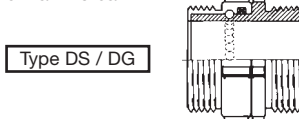
Symmetrical couplings

Fixed couplings Storz or Guillemin, with BSP thread. Made of brass, aluminium or stainless steel. Working pressure PN 10 bar.



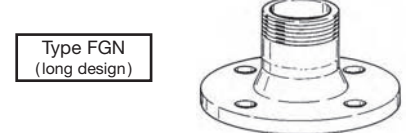
Swivels

Swivel hose inlets to avoid torsion of hose assemblies, of brass or stainless steel. Working pressure max. 10 bar.



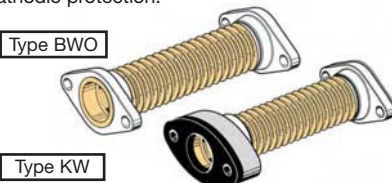
Flanges

Flanges acc. DIN 1092-1 with male thread, short or long design; of steel, stainless steel, brass or aluminium.



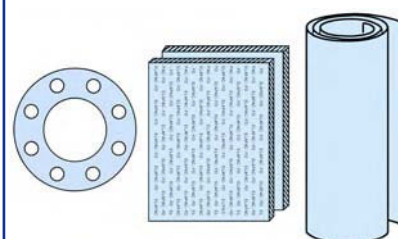
Pipe connectors

Flexible bronze pipe connectors with swiveling oval flanges. For suction service, max. vacuum 0,9 bar. Type BWO standard. Type KW with cathodic protection.



ELAPAC-FD

Flange sealing material free of plasticisers. Suitable for tank truck and tank installations, for petroleum based products and many other media. Available as cut seals, sheets or coils.



Tank truck welding flanges TFA with pipe stop (also available in space saving square shape TQFA). Type TF without pipe stop. Made of steel or stamped aluminium.



Tank truck flanges TGN, with threaded nipple, acc. DIN 28462. Of aluminium, brass or stainless steel.



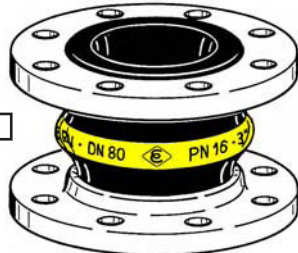
Rubber Expansion Joints

ERV high quality expansion joints by ELAFLEX / ContiTech. With swiveling flanges, DN 25-1000.

ERV - G

"YELLOW BAND"

Suitable for petroleum based products up to 50% aromatics, also town gas and natural gas, cooling water emulsions with corrosion preventing oil. Temperature up to +90°C. Lining NBR.

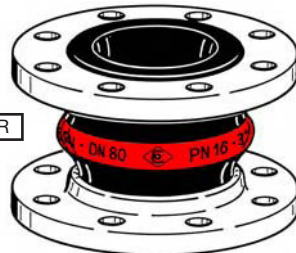


Type ERV-G

ERV - R

"RED BAND"

Suitable for water, drinking water, waste water, sea water, cooling water, chemical waste water (without oil), chemicals, acids and alkalis, salt solutions, alcohols up to +90°C. Lining Butyl/EPDM-Compound.

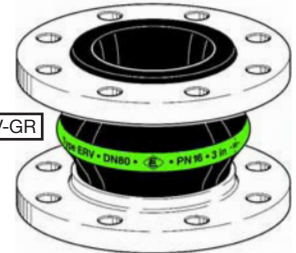


Type ERV-R

ERV - GR

"GREEN BAND"

Suitable for acids, alkalis, chemicals and aggressive chemical waste water up to +80°C. For oil contaminated compressor air up to +90°C. Lining Hypalon.

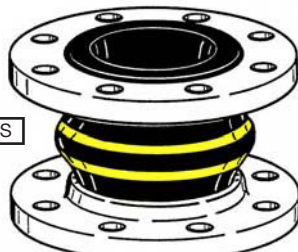


Type ERV-GR

ERV - GS

"YELLOW STEEL"

Similar to type ERV-G, but suitable for permanent high temperatures (max. +100°C at 10 bar). Flame resistant according to Germanischer Lloyd. Lining NBR.

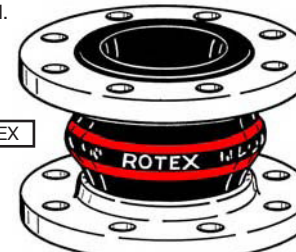


Type ERV-GS

ROTEX

"ROTEX"

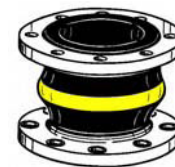
For permanent stress through hot heating water, cooling water and hot air. Working pressure 10 bar up to 100°C, 6 bar up to 110°C. Used as safety compensator in heating installations acc. DIN. Lining EPDM.



Type ROTEX

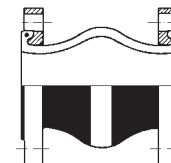
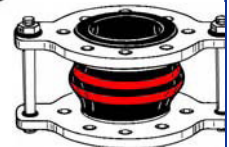
Special Flanges

Standard flanges made of steel, zinc plated and yellow chromated, acc. DIN. Other flange standards and materials available, e.g.:



With small diameter TW flanges of forged aluminium PN 10 Type TW

With control rods (tied flanges) Type ZS

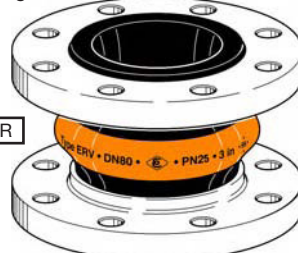


With non-swivelling SAE flanges for hydraulic oil systems

ERV - OR

"ORANGE BAND"

For liquid petroleum gas (LPG tank trucks and refueling stations). Temperature range -30°C up to +70°C. Max. working pressure 25 bar, burst pressure >100 bar. Lining NBR.

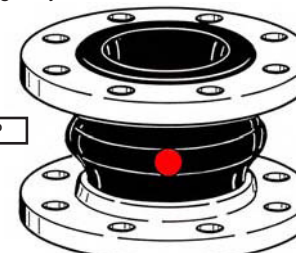


Type ERV-OR

ERP

"RED SPOT"

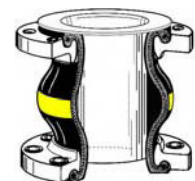
For sanitary facilities, cold and warm water, swimming pool water, sea water, drinking water. Highly flexible and low own resistance. Working pressure max. 10 bar. Lining Butyl/EPDM.



Type ERP

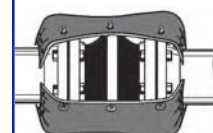
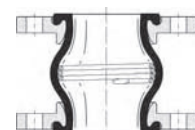
Accessories

Inner sleeve of stainless steel, e.g. for granulates



Additional liner made of PTFE

Vacuum support spirals or rings

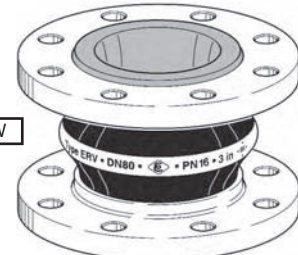


Flame protection cover

ERV - W

"WHITE BAND"

Suitable for edible liquids, vegetable oils and other foodstuffs requiring sanitary rubber compound, up to +80°C, up to +100°C for brief cleaning. Lining NBR "white".

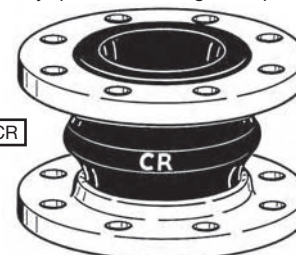


Type ERV-W

ERV - CR

"CR"

Suitable for cold and warm water, seawater (also oil containing), various waste water, lube oils and greases, air and compressed air. Max. +70°C, briefly up to +90°C. Lining Chloroprene.



Type ERV-CR

Approved by most renowned classification bodies and by German military VG 95958/59.

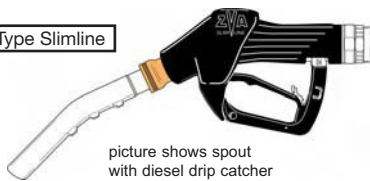
Nozzles + Accessories

Nozzles by ELAFLEX / Hiby: ergonomic design, long life, fully serviceable.

ZVA Slimline (EN 13012, TRbF 513, PTB, ATEX)

Automatic nozzle for flow rate up to 80 l/min with standard spout DN 19, up to 50 l/min with reduced R-spout DN 16. Suitable for gasoline, diesel, fuel oil. Working pressure 0,5 up to 4 bar.

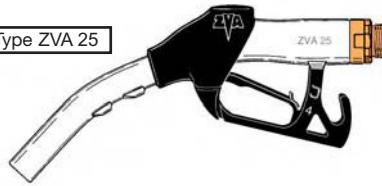
Type Slimline



ZVA 25 (EN 13012, TRbF 513, PTB, ATEX)

Automatic nozzle for flow rate up to 140 l/min, DN 25. Suitable for gasoline, diesel, fuel oil. Working pressure 0,5 up to 3,5 bar.

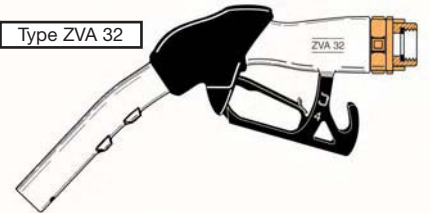
Type ZVA 25



ZVA 32 (TRbF 513, PTB)

Automatic nozzle for flow rate up to 200 l/min, DN 32. Suitable for gasoline, diesel, fuel oil. Working pressure 0,5 up to 6 bar.

Type ZVA 32



ZVA 200 GR (EN 13012, TRbF 513, PTB, ATEX)

Automatic nozzle for active vapour recovery. Suitable for all standard gasoline fuels, up to 45 l/min. Working pressure 0,5 up to 3,5 bar. - Design "GRV3" with integrated vapour valve "On / Off" GV3, Design "GRVP" with vapour proportional valve GVP.

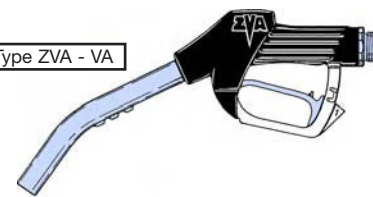
Type ZVA 200 GR



Corrosion resistant automatic nozzles

Automatic nozzles in special construction of gunmetal, bronze or stainless steel. Suitable for solvents, alcohols and chemicals.

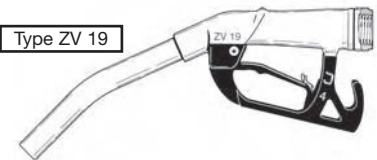
Type ZVA - VA



ZV 19 / ZV 25

Manually operated nozzle for gasoline, diesel, fuel oil: ZV 19 (DN 19) up to 100 l/min.; ZV 25 (DN 25) up to 140 l/min. Working pressure up to 3,5 bar. Special types for chemicals available.

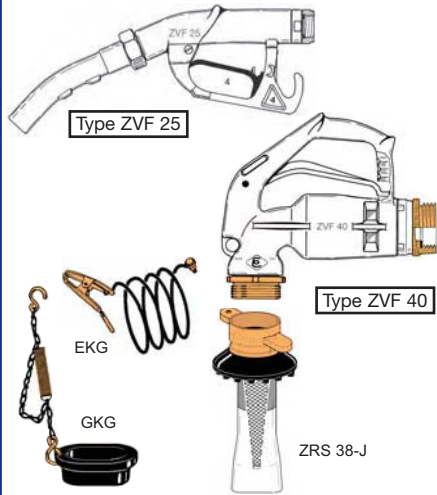
Type ZV 19



Nozzles for aircraft refuelling

Manually operated nozzles for overwing refuelling. Suitable for Avgas and Jet fuels. ZVF 25 up to 140 l/min, working pressure 3,5 bar. ZVF 40 up to 400 l/min, nominal pressure PN 10.

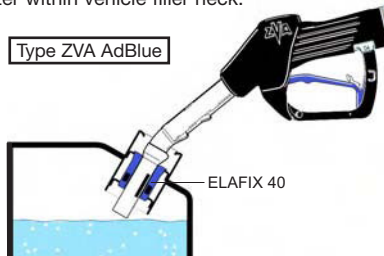
Type ZVF 25



ZVA for AdBlue according DIN 70070

Automatic nozzle ZVA of nickel plated aluminium for urea solution (AdBlue), DN 15. Working pressure 0,5 up to 3,5 bar. Spout with magnet opening; Refuelling only possible with ELAFIX 40 magnet adapter within vehicle filler neck.

Type ZVA AdBlue



Safety Breaks (EN 13617-2, ATEX)

Self-closing safety break couplings for nozzles, reusable. - For the protection of dispenser, hose assembly and car in case of drive-off incidents.

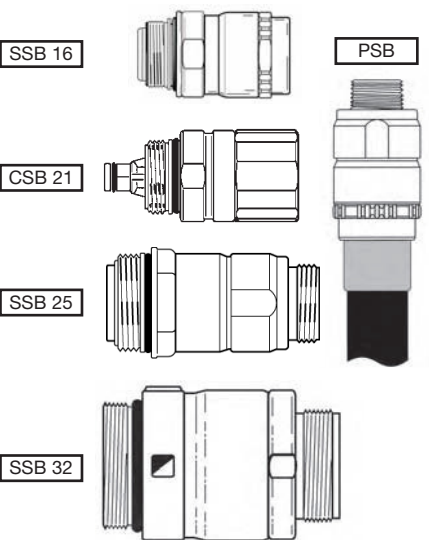
SSB 16

PSB

CSB 21

SSB 25

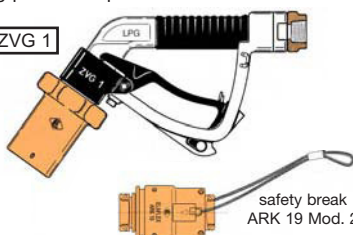
SSB 32



LPG nozzle, accessories

Autogas (L.P. gas) nozzle DN 19 with ACME 1¼" coupling. - For propane and butane up to 50 l/min, working pressure up to 25 bar.

Type ZVG 1

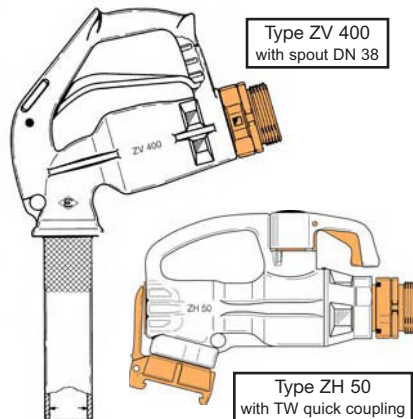


Bulk delivery nozzles

Manually operated fuel oil nozzles DN 32 - 50, types ZV 400/ 500 and ZH 35/ 50. Available either with fixed spout or TW coupling. Flow rates 250 - 650 l/min, nominal pressure PN 10.

Type ZV 400 with spout DN 38

Type ZH 50 with TW quick coupling



This brochure shows only a small part of our product range. Further information from our distribution partners or from:

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