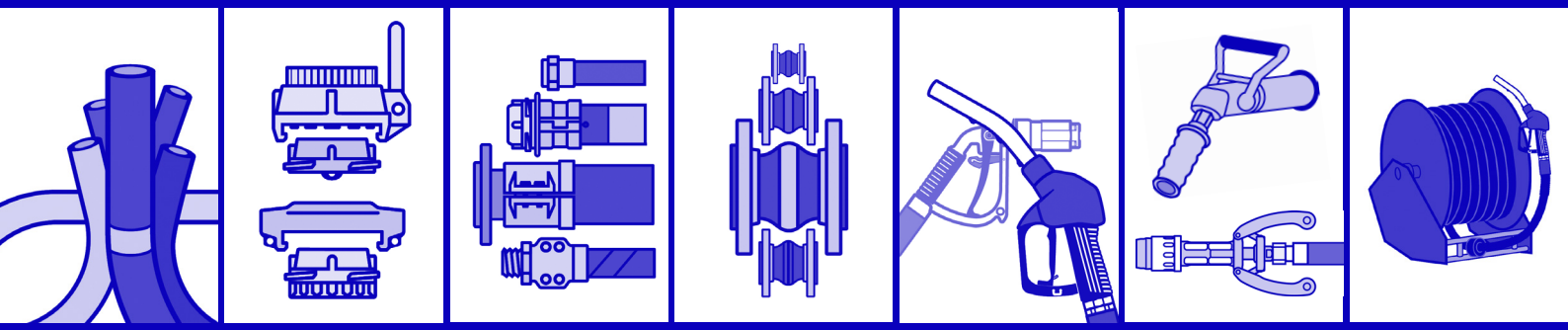
ELAFLEX

PRODUCT GUIDE

Hoses | Couplings | Expansion Joints
Nozzles | Hose Reels



Petrol + Chemical Hoses

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

Aircraft Refuelling Hoses (EN ISO 1825, EI 1529)

'YELLOW BAND', types HD-C, VHD, PHD, TW-E. Suitable for all aviation fuels. Optional with NEON bands for improved visibility. Specified by all major oil companies. Lining NBR, Max. working pressure 20 bar.

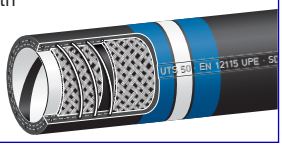
Also available as Low Temperature versions.



Universal Tank Hoses (EN 12115)

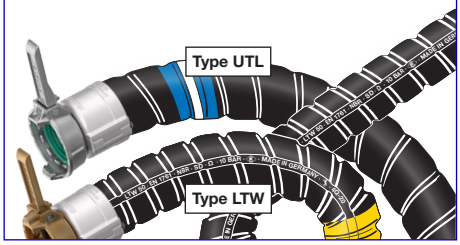
'BLUE-WHITE-BLUE', type UTD 13–38 without helix, type UTS 19-150 with helix. Suitable for most chemicals, petroleum based products and solvents. Lining UPE white with patented OHM conductive stripe. Max. W.P. 16 bar.

Type UTS



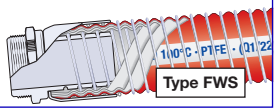
Corrugated Tanker Hoses (EN 12115)

Good flexibility due to corrugations in the cover: Type LTW 50–100 for petroleum products (NBR lining), type UTL 38–100 universal hose (UPE lining). Max. W.P. 10 bar. Also available type LG, lightweight gravity discharge road tankers hose.



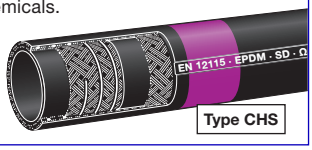
Composite Hoses (EN 13765)

Type FWS (PP, PTFE, PA, VR), flexible general purpose hose for most common chemicals. Temperature range -30 °C to +100 °C. Max. W.P. 14 bar.



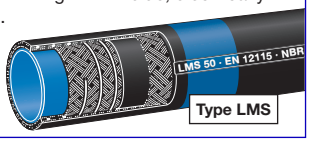
Chemical Hoses (EN 12115)

'LILAC BAND', type CHD 13–50 without helix, CHS 25–150 with helix. Suitable for more than 75 % of all industrial chemicals. Lining EPDM. Max. W.P. 16 bar (DN 150: 10 bar).



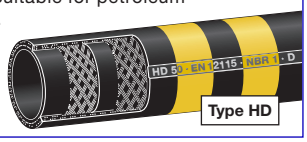
Solvent Hoses (EN 12115)

'BLUE BAND', type LMD 9–25 without helix, LMS 25–150 with helix. For most solvents and paints, also water based. Lining NBR 2 blue, electrically conductive. Max. W.P. 16 bar (DN 150: 10 bar).



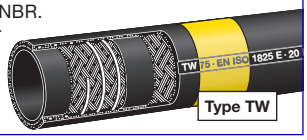
Fuel Reeling Hoses without Helix (EN 1761)

'YELLOW BAND', type HD 10–100 without helix, for reel operation. Suitable for petroleum based products. Lining NBR. Max. W.P. 25 bar (DN 100: 20 bar).



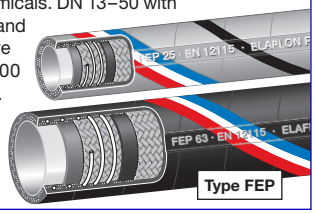
Tank Truck Hoses (EN 1761)

'YELLOW BAND', type TW 19–100 and type STW 125–200 with helix. Suitable for petroleum based products. Lining NBR. Max. W.P. 20 bar (>DN 100: 15 bar).



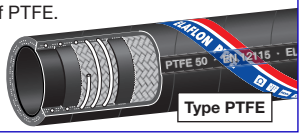
ELAFLON PLUS FEP (EN 12115)

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



ELAFLON PTFE (EN 12115)

Type PTFE 13 D without helix, PTFE 19–100 with helix. Universal hose for all commonly used chemicals. OHM-hose with electr. conductive, seamless lining of PTFE. FDA/USP Class VI. Max. W.P. 16 bar.



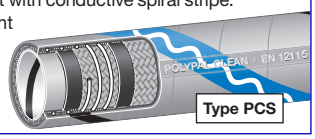
FLUORFLEX 2

Ultra-flexible universal hose with helically wound PTFE lining for petrochemical, pharmaceutical and food industry. Temperature range -20 °C up to +150 °C. Max. W.P. 16 bar.



POLYPAL® CLEAN (EN 12115)

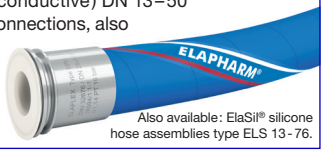
Type PCD 13–19 without helix, PCS 25–100 with helix. 'Clean' universal hose for almost all fluids. Lining UPE bright with conductive spiral stripe. Cover EPDM light grey with OHM-conductive spiral. Max. W.P. 16 bar.



Pharma Hoses (Liner FDA / USP Class VI conform)

ELAPHARM hose assemblies for highest media purity requirements, with PTFE lining. Type EPH (blue cover, el. isololating) and EPH-OHM G (light grey cover, el. conductive) DN 13–50 with crimped connections, also free of dead spaces.

Type EPH



Also available: ElaSil® silicone hose assemblies type ELS 13-76.

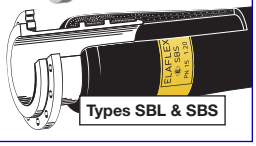
Bunkering Hoses (EN 1765)

Type FHD 75–250, collapsible marine bunkering hose without helix. Suitable as pressure hose for petroleum based products. Max. W.P. 15 bar

Type FHD



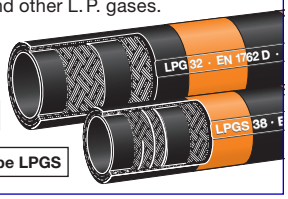
DN 100–300 marine cargo hoses with built-in nipples. Category L15 without helix or category S15 with helix.



LPG Hoses (EN 1762)

'ORANGE BAND', type LPG 10–200 without helix and LPG 10–200 with helix. Also as special types LPG 16 S & LPG 16 for Autogas dispensers. For propane, butane and other L.P. gases. DVGW-approved. Lining NBR. Max. W.P. 25 bar.

Type LPG



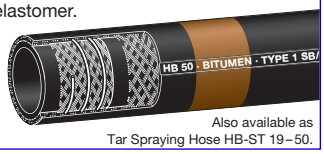
Also available as Low Temperature version.

Type LPGS

Hot Bitumen Hoses (EN 13482)

Type HB 50–100 with helix. Suitable for hot bitumen and heavy fuel, -25 °C up to +200 °C. Lining special elastomer. Max. W.P. 7 (10) bar.

Type HB



Also available as Tar Spraying Hose HB-ST 19–50.

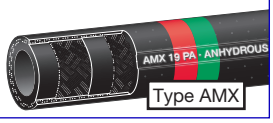
Steam Hose (EN ISO 6134)

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



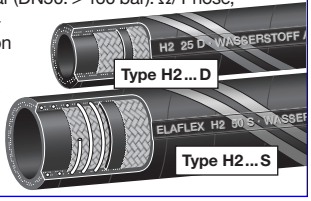
Ammonia Hose

Type AMX 13–50. For ammonia. Max. W.P. 25 bar. Lining EPDM.



Hydrogen Hose

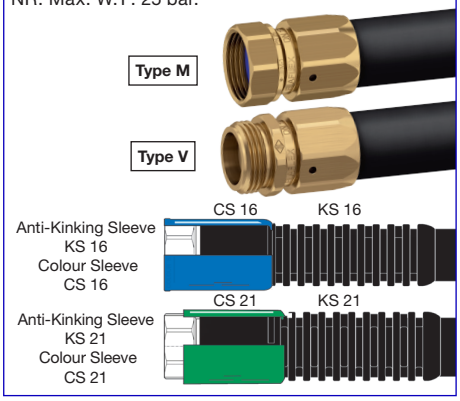
Type H2 13–50 D without Helix, type H2 25–50 S with helix. Connecting hose for gaseous hydrogen. Lining black, smooth, cover electrically conductive. Temperature range -40 °C up to +65 °C. Max. working pressure 60 bar (DN 50: 40 bar). Burst pressure >240 bar (DN50: > 160 bar). Ω/T hose, suitable for all Ex-zones. Permeation rate per metre $<1x10^{-4}$ mbar•l/s (<0.36 Ncm³/h). Suitable for wet and dry hose systems.



Safe and secure connections.

Hose Couplings Ferrule Type (EN 14424)

Female/male hose couplings (ferrule type) with union nut, DN 13–25. Brass, also chrome plated or stainless steel. Also available as non-reusable type NR. Max. W.P. 25 bar.



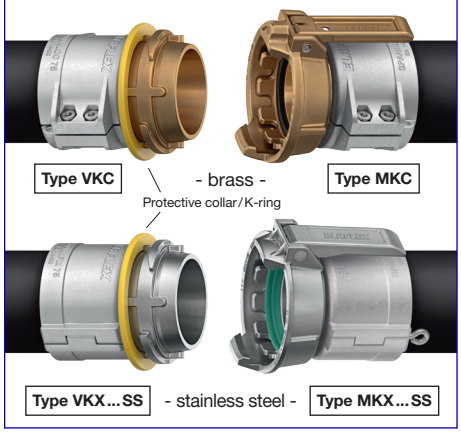
Food + LPG Hose Couplings (DIN 11851, EN 14422)

Hose couplings of stainless steel with special thread for foodstuffs max. W.P. 16 bar. Hose couplings brass/steel with ACME thread for LPG max. W.P. 25 bar. Spannfix or Spannloc clamps.



'TW' Hose Couplings (EN14420-6)

'TW' hose couplings, one piece or two piece coupler, with Spannfix or Spannloc clamps. Max. working pressure 16 bar.



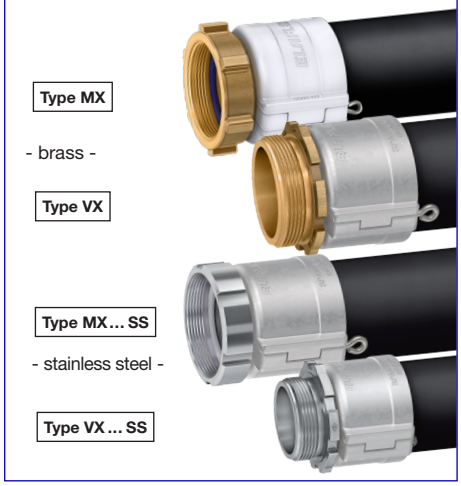
'Storz' Hose Couplings (DIN 14301)

'STORZ' hose couplings of aluminium. Spannfix or Spannloc clamps. Max. W.P. 10 bar.



Spannfix Hose Couplings (EN 14420-5)

Female/male hose couplings with reusable Spannfix pinned safety clamps of hot stamped aluminium. DN 19–100. Max. working pressure 25 bar.



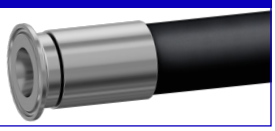
Steel Hose Couplings (EN14420-5)

Female/male hose couplings of steel, zinc plated and chromated. For LPG, hot water and mechanical engineering applications. Max. working pressure 25 bar. Spannfix or Spannloc clamps.



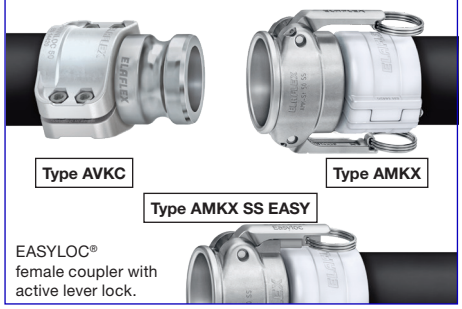
Clamp Hose Coupling 'Tri Clamp' (DIN 32676)

Clamp hose coupling 'Tri Clamp' of stainless steel, with ferrules. Application for food, chemical, cosmetic and pharmaceutical industries. Available with working pressure of 10, 16 and 25 bar.



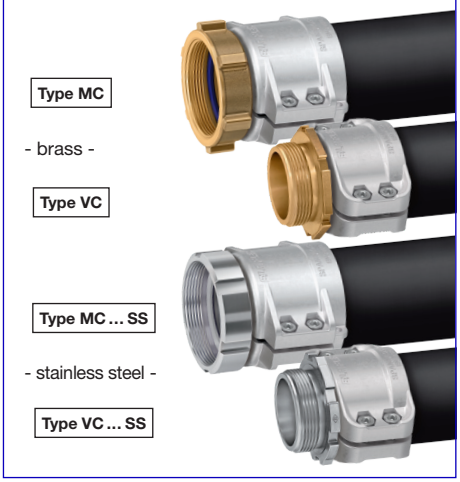
Cam Locking Couplings (EN 14420-7)

'Camlock' hose couplings of brass, aluminium or stainless steel. With Spannfix or Spannloc clamps. Max. W.P. 16 bar (DN 100: 10 bar).



Spannloc Hose Couplings (EN 14420-5)

Female/male hose couplings with reusable Spannloc bolted clamps of hot stamped aluminium. DN 13–100. Max. working pressure 25 bar.



Hose Couplings for Steam (EN 14423)

Male/female hose couplings with bolted clamps of stainless steel or hot stamped brass. Hose tail and union nut either of stainless steel, steel zinc plated + chromated or brass. Suitable for saturated steam up to +220 °C, ammonia (stainless steel only) and compressed air. Max. W.P. 25 bar.



Flanged Hose Couplings (EN 1092-1, EN 14420-4/14423)

Swiveling or fixed flanges, Spannfix or Spannloc clamps.

- steel, zinc plated + chromated -



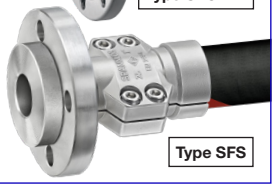
- stainless steel -



- 'TW' type, for tank trucks, aluminium -



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



'Guillemin' Hose Couplings (EN 14420-8)

'GUILLEMIN' hose couplings of aluminium. Spannfix or Spannloc clamps. Max. W.P. 10 bar.



Tank + Pipe Couplings

Safe and secure connections.

'TW' Couplings (EN 14420-6, DIN 28450)

Quick couplers to EN 14420-6. One hand tightening without tools, safe and leak-free connection. For tankers and industrial applications. Sizes 2", 3" und 4". Of hot stamped brass, stainless steel or hot stamped aluminium. Dust plugs also of polyamide. Max. working pressure 16 bar.

Type VB
(dust plug - aluminium, polyamide, brass or stainless steel)



Also available:
VB ADR SS
with pressure relief valve

Type MB
(dust cap of aluminium, brass or stainless steel)



Type MK with bent lever
to provide that the lever can fully close and lock in narrow installations



Example:
MK 80-32 °



Type MK
(female coupler brass, stainless steel or aluminium)



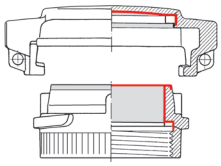
Type VK
(male coupler brass, stainless steel or aluminium)



Type MK-A SS
with Active Safeguard Lever, prevents accidental opening of the lever

PFA Coating

Stainless steel threads, flanges and couplings also available with additional PFA coating (FDA compliant) on surfaces in contact with medium, for specially aggressive media (e.g. hydrochloric acid, ferro-III-chloride, diluted sulfuric acid).
Colour: red.



Type ... SSE

Dry Disconnect & Breakaway Couplings

Self-locking couplings, MannTek brand. For liquid media or liquefied gas. Can be coupled up to 7 bar. Brass/bronze, stainless steel or aluminium. Max. W.P. 25 bar (16 bar for aluminium). Also available with selectivity system or flanged type.



Type DDC
Dry Disconnect Couplings



Type DGC
Dry Gas Couplings



Type DAC
Dry Aviation Couplings

Configure online: **manntekconfigurator.elaflex.de**

Also available:
- 'SBC' Breakaway Couplings for all liquid media
- 'DCC' Dry Cryogenic Coupling & 'CBC'Breakaways

Accessories for Rail Tankers

Rail tanker adapter type KWZ, one end with rail tanker thread 5½", other end male thread BSP or quick coupling. Rail tanker discharge coupling type KWK with male thread or quick coupling.



Type KWZ x VK



Type KWK

Symmetrical Couplings (EN ISO 228/EN 14420-8)

Fixed couplings 'Storz' or 'Guillemin', with BSP thread. All standard sizes of brass, aluminium or stainless steel. Max. working pressure 10 bar.



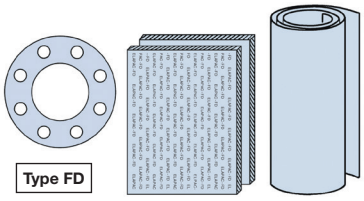
Type Storz IG



Type Guillemin IG

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.



Type FD

Cam Locking Couplings (EN 14420-7 / MILC 27487)

Female or male couplings, dust caps and dust plugs, DN 13–100, of stainless steel, brass or aluminium. Max. W.P. 16 bar (DN 100: 10 bar).



Type AMKI



Type AVKI



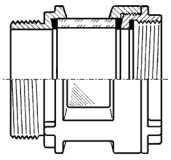
Type AMKI SS EASY

EASYLOC®
female coupler with active lever lock.

Sight Glasses

Sight glasses type SG (with BSP thread EN ISO 228). Type TSG (one side with tank truck flange). Brass also chrome plated, or aluminium.

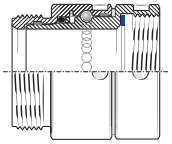
Type SG



Swivels

Swivel hose inlets to avoid torsion of hose assemblies. DN 25–50, of brass or stainless steel. Max. W.P. 10 bar.

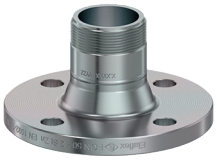
Type DG



Flanges

Flanges to EN 1092-1 with male thread, short or long design. Of steel, stainless steel, brass or aluminium.

Type FGN
(long design)



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

Type TFA



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

Type TGN



Rubber Expansion Joints

ERV high quality expansion joints DN 25–1000 by ELAFLEX/ContiTech. With swiveling flanges (various types and materials).

ERV-R

RED BAND expansion joint for water, drinking water, waste water, seawater, cooling water, chemical waste water (without oil), chemicals, acids and alkalis, salt solutions, alcohols. Temperature range -40 °C up to +100 °C, temporarily up to +120 °C. Lining Butyl/EPDM.



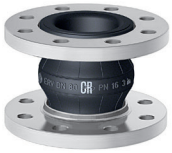
ROTEX

ROTEX expansion joint for permanent service with hot heating water, cooling water and hot air. Max. W.P. 10 bar up to +100 °C, 6 bar up to +110 °C. Temperature range -40 ° up to +130 °C, temporarily up to +150 °C. TÜV approved, DIN 4809. Lining EPDM.



ERV-CR

CR expansion joint for cold and warm water, seawater (also oil containing), various waste water, lube oils and greases, air, compressed air. Temperature range -25 °C up to +90 °C, temporarily up to +100 °C. Lining Chloroprene.



ERV-BR

BLUE SPOT expansion joint for abrasive media, sludges, slurries, solid/liquid mixtures and emulsions, dustlike or powdery products. W.P. max. 16 bar. Temperature range -50 °C up to +70 °C, temporarily up to +90 °C. Lining BR/NR.



ERP

RED SPOT expansion joint for sanitary installations, cold/warm water, swimming pool water, seawater, drinking water. Highly flexible + low own resistance. Max. W.P. 10 bar. Temperature range -40 °C up to +90 °C, temporarily up to +120 °C. Lining Butyl/EPDM.



ERV-G

YELLOW BAND expansion joint for petroleum based products up to 50 % aromatics, fuels, aviation fuels, town gas and natural gas. Temperature range -20 °C up to +90 °C, temporarily up to +100 °C. Lining NBR.



ERV-G AF

Special type ERV-G AF expansion joint for aviation refuelling or dispensing vehicles in accordance to EN ISO 1825/EI 1529. Suitable for all aviation fuels. Temperature range -40 °C up to +65 °C. Max. W.P. 20 bar.



ERV-GS

YELLOW STEEL expansion joint. Similar to type ERV-G, but fire resistant to ISO 15540 (type approved). Also for cooling water emulsions with oily anticorrosion additives. Temperature range -20 °C up to +90 °C, temporarily up to +100 °C. Lining NBR.



ERV-GS HNBR

YELLOW STEEL HNBR expansion joint for petroleum based products up to 50 % aromatics and hydraulic oil. Also for cooling water emulsions with oily anticorrosion additives. Large temperature range -35 °C up to +100 °C, temporarily up to +120 °C. Lining HNBR.



ERV-G LT

YELLOW BAND LT expansion joint designed for low temperature applications for standard-conform petroleum based products. Temperature range -40 °C up to +90 °C, temporarily up to +100 °C. Lining NBR.



ERV-OR

ORANGE BAND expansion joint for Liquid Petroleum Gas (LPG) to EN 589. Temperature range -20 °C up to +90 °C, temporarily up to +100 °C. Max. W.P. 25 bar. Lining NBR.



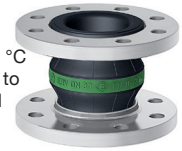
ERV-H2+

Rubber expansion joints hydrogen, methane and all concentrations of mixtures of these gases. For piping systems in the industrial sector and for ships. The maximum operating pressure is 20 bar (2.0 MPa).



ERV-GR

GREEN BAND expansion joint for chemicals, acids, alkalis and aggressive chemical waste water. Temperature range -20 °C up to +100 °C, temporarily up to +110 °C. For oil-contaminated compressor air up to +90 °C. Lining CSM.



ERV-W

WHITE BAND expansion joint for foodstuffs, also containing oil and fat. Liner conform to rec. XXI of BfR and FDA-21CFR 177.2600. Temperature range -20 °C up to +90 °C, temporarily up to +100 °C. Lining NBR, light grey.



ERV-MK

Expansion joints are flat corrugated rubber expansion joints with cylindrical ends, suitable for simple clamp fastening. Up to DN 250 the maximal operating pressure is 6 bar (0.6 MPa).



Accessories



ERV with additional PTFE liner (ERV...TA and ERV ...TA OHM))



ERV with PTFE lining and PTFE vacuum support ring (ERV...TAS and ERV...TAS OHM)



With tie rods as limiters (ERV...ZS)



With female/male threads (ERV...IG/AG)



With inner protection sleeve of stainless steel, e.g. for granulates (ERV...SR)



With vacuum support spiral (ERV...VSD) or ring (ERV...VSR)



Flame protection cover (FSH)

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

ZVA Slimline 2 (EN 13012, ATEX)

Automatic nozzle for flowrate up to 80 l/min. Suitable for gasoline, also with ethanol content, diesel, fuel oil and biodiesel. Working pressure 0,5 – 3,5 bar.

Type ZVA Slimline 2



Also available as Low Temperature version.

ZVA 25 (EN 13012, ATEX)

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

Type ZVA 25



Also available as Low Temperature version.

ZVA 32 (EN 13012, ATEX)

Automatic nozzle for flowrate up to 200 l/min, DN 32. Suitable for diesel, light fuel oil, petroleum, AVGAS and Jet fuels. W.P. 1,5 – 6 bar.

Type ZVA 32

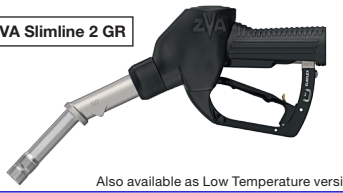


Also available as aircraft refuelling type.

ZVA Slimline 2 GR (EN 13012, ATEX)

Automatic nozzle for active vapour recovery. Suit-able for all standard gasoline fuels (also with ethanol content), up to 45 l/min. Design 'GRV' with integrated vapour valve 'On/Off', Design 'GRVP' with vapour proportional valve. Working pressure 0,5 – 3,5 bar.

Type ZVA Slimline 2 GR



Also available as Low Temperature version.

Corrosion Resistant Automatic Nozzles

Automatic nozzles in special construction of gunmetal (ZVA-RG) or bronze (ZVA-GBZ). Suitable for solvents, alcohols and chemicals.

Type ZVA - RG



ZV 19/ZV 25

Nozzles without automatic shut-off function for gasoline, diesel, fuel oil and vegetable oil. ZV 19 (DN 19) up to 100 l/min; ZV 25 (DN 25) up to 140 l/min. Max. W.P. 3,5 bar. Special types for chemicals available.

Type ZV 19



ZVA for AdBlue® (EN 13012, ATEX, DEF, ARLA 32, AUS 32)

Automatic nozzle ZVA HV for AdBlue® (heavy vehicle) for urea solution (AdBlue®, DEF). Flowrate up to 40 l/min. Working pressure 0,5 – 3,5 bar. Spout with magnet opening; refuelling only possible with ELAFIX 40 magnet adapter within vehicle filler neck.

ZVA LV for AdBlue® for Light Vehicles <3,5t. Up to 10 l/min. W.P. 1,5 – 3,5 bar.

Type ZVA HV for AdBlue®

Type ZVA LV for AdBlue®



ZV SW

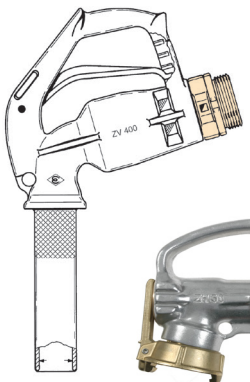
Nozzle without automatic shut-off function for filling light and heavy vehicle with Screen Water. DN 15, up to 20 l/min; W.P. 0,5 – 3,5 bar temperature range -20 °C up to +55 °C.

Type ZV SW



Bulk Delivery Nozzles

Fuel oil nozzles without automatic shut-off function, DN 32 – 50, types ZV 400, ZV 500 and ZH 50. Available either with fixed spout or TW coupling. Flowrates 250–650 l/min. Max. W.P. 10 bar.



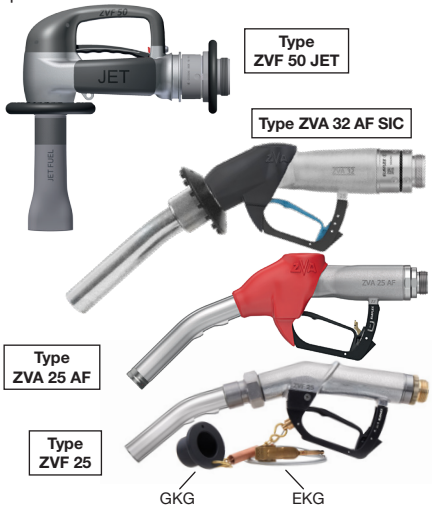
Type ZV 400
with spout DN 38



Type ZH 50
with TW quick coupling

Nozzles for Aircraft Refuelling

Nozzles with or without automatic shut-off function for over-wing refuelling. Suitable for AVGAS and JET fuels. Flowrates: ZVF 25 and ZVA 25 AF up to 140 l/min, ZVA 32 AF / SIC up to 200 l/min, ZVF 50 up to 400 l/min.



Type ZVF 50 JET

Type ZVA 32 AF SIC

Type ZVA 25 AF

Type ZVF 25

Petrol Pump Hoses (EN 1360, EN 13483)

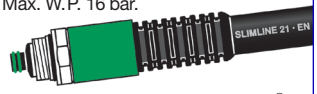
Quality petrol pump hoses 'SLIMLINE' DN 16–25 for gasoline and diesel fuels, also with biodiesel or ethanol content. Cold flexible down to -30 °C (LT-type down to -40 °C). Assembly with ferrule type couplings. Max. W.P. 16 bar.



Type SL
Type SL LT
Type SL BIO
many other types

COAX hose assemblies DN 21/8, black or coloured, for active vapour recovery. Cold flexible down to -30 °C (LT-type -40 °C). Max. W.P. 16 bar.

Type COAX



Quality dispensing hoses SLIMLINE 16 for AdBlue® for urea solution to EN 1360. Max. W.P. 16 bar.

Type Slimline for AdBlue®



AdBlue® is a registered trademark of VDA.

High quality solutions.

Safety Breaks, Sight Glasses (EN 13617-2, ATEX)

Self-closing safety break couplings for nozzles, reusable. To protect dispensers, hose assemblies and cars in case of drive-off incidents.

SSB 16* f. ZVA SL 2, ZVA Slimline

CSB 21* f. ZVA SL 2 GR, ZVA 200 GR

SG 1" f. ZVA SL 2, ZVA Slimline, ZVF 25, ZVA 25 AF

SSB 25* f. ZVA 25

SSB 32 f. ZVA 32



SSB 16, CSB 21 and PSB also available with integrated Sight Glass.

PSB Pump Safety Break

*Also available as 'DC' Double Closing version.

LPG Nozzle, Accessories (EN 13670, ISO 19825, ATEX)

Autogas (LPG) nozzle with ACME, DISH, EURO, and K coupling. For propane, butane and mixtures up to 50 l/min. Max. W.P. 25 bar.

Type ZVG 2 ACME



- DISH - - EURO -

Reuseable Safety Break ARK 19 SS



Type ZVG 2 EURO UL

- K -

GasGuard for ACME, EURO or Bayonet connection. With safety sealing nose piece. Low lever actuation force. Flowrate: 60 l/min. Gas release volume: <2 cm³. Weight: ~1,8 kg.

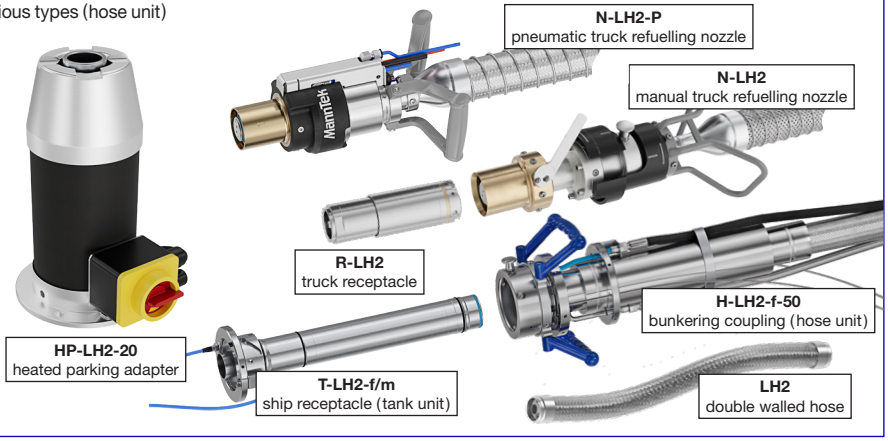


Type GG1DN

Hydrogen refuelling and transfer applications

Complete LH2 refuelling system for all types of hydrogen refuelling or transfer applications, meeting the highest safety and quality standards.

- **N-LH2** manual truck refuelling nozzle
- **N-LH2-P** pneumatic truck refuelling nozzle
- **R-LH2** truck receptacle
- **H-LH2-f/m** bunkering coupling various types (hose unit)
- **T-LH2-f/m** ship receptacle various types (tank unit)
- **LH2** double walled hose
- **HP-LH2-20** heated parking adapter



HP-LH2-20 heated parking adapter

T-LH2-f/m ship receptacle (tank unit)

R-LH2 truck receptacle

N-LH2-P pneumatic truck refuelling nozzle

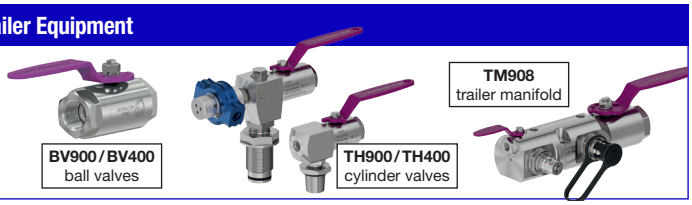
N-LH2 manual truck refuelling nozzle

H-LH2-f-50 bunkering coupling (hose unit)

LH2 double walled hose

Compressed Hydrogen Trailer Equipment

Compressed hydrogen trailer equipment for loading and unloading of trailers with compressed hydrogen (CGH2). TPED-certified.



BV900 / BV400 ball valves

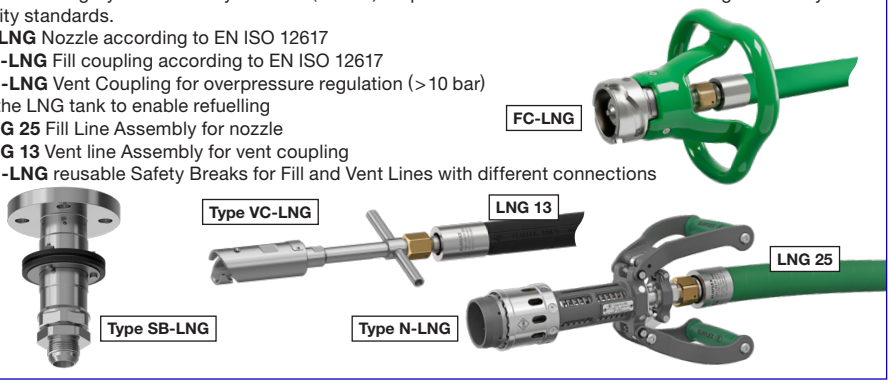
TH900 / TH400 cylinder valves

TM908 trailer manifold

LNG Nozzle, Couplings and Hoses

LNG Refuelling System of heavy vehicles (trucks) for petrol station forecourts meets the highest safety and quality standards.

- **N-LNG** Nozzle according to EN ISO 12617
- **FC-LNG** Fill coupling according to EN ISO 12617
- **VC-LNG** Vent Coupling for overpressure regulation (>10 bar) in the LNG tank to enable refuelling
- **LNG 25** Fill Line Assembly for nozzle
- **LNG 13** Vent line Assembly for vent coupling
- **SB-LNG** reusable Safety Breaks for Fill and Vent Lines with different connections



FC-LNG

Type VC-LNG

LNG 13

LNG 25

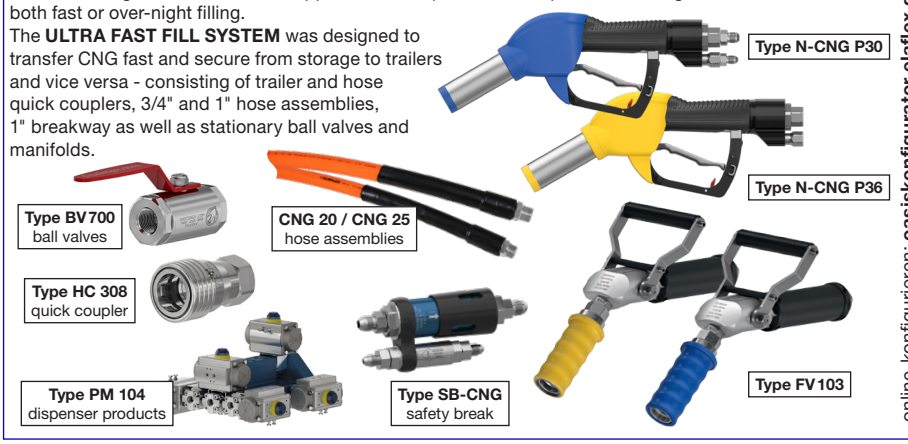
Type SB-LNG

Type N-LNG

CNG Nozzles, Valves, Couplers, Safety Breaks

Durable CNG refuelling equipment, which ensures the best flow rates and maximum safety under pressure for a wide range of conditions and applications like public and corporate refuelling stations, for both fast or over-night filling.

The **ULTRA FAST FILL SYSTEM** was designed to transfer CNG fast and secure from storage to trailers and vice versa - consisting of trailer and hose quick couplers, 3/4" and 1" hose assemblies, 1" breakway as well as stationary ball valves and manifolds.



Type N-CNG P30

Type N-CNG P36

Type BV 700 ball valves

CNG 20 / CNG 25 hose assemblies

Type HC 308 quick coupler

Type PM 104 dispenser products

Type SB-CNG safety break

Type FV 103

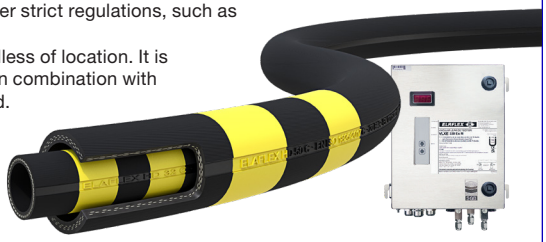
online konfigurieren: **oasiskonfigurator.elaflex.de**

Safety

Customised, complete solutions by ELAFLEX.

ELAFLEX DualSafe

ELAFLEX DualSafe is used for the transfer of environmental hazardous and water-polluting media under strict regulations, such as Directive EU 2020/2184 or the GGVSEB.
The new ELAFLEX DualSafe double walled hose assembly significantly reduces time and costs regardless of location. It is suitable for a variety of applications, such as tankers and silo trucks, tank wagons or ship bunkering. In combination with the ELAFLEX products dry disconnect and breakaway couplings a safe transfer system will be formed.
The ELAFLEX DualSafe solution is available for ELAFLEX Yellow Band hoses like HD, TW or LTW and all chemical hoses acc. to EN 12115. The available size ranges from DN 15 to DN 80. The proven leak detection system from ELAFLEX Group's industry expert SGB, DualSafe can be used anywhere and significantly simplifies resource planning processes. It works as a flexible replacement for liquid-tight loading zones with retention basins and also meets the requirements of nature conservation areas. The SGB leak detection system provides a visual, acoustic and electrical signal whenever the vacuum in the monitored space is compromised.



Hose Reels

Custom-Made Hose Reels (ATEX-conform)

'HR' Hose Reel Packages optional with hoses, couplings and nozzles. Delivered as complete tested system. Commonly used for trucks, marina, ports (terminals) and ships, depots, petrol stations or airports. Suitable for a wide range of media, e.g. gasoline, diesel, Jet fuels, AVGAS, urea solution (AdBlue®), detergents, disinfectants, solvents, oils, water and gases.

For reliable and safe transfer of liquids or refuelling of land, water and air vehicles – even under challenging conditions. Suitable for all common fuels as well as a variety of sensitive, aggressive, corrosive, flammable and explosive media.

Installation on plain or vertical surfaces (without further modifications).

Supplied with different rewind systems.
HR 'Compact Line' with spring rewind system and integrated static hose guide as standard.
HR 'Modular Line' with various rewind systems such as manual, electric, hydraulic or pneumatic.

Type HR
'Compact Line VR'





Type HR
'Modular Line'
Hydraulic Rewind



Type HR
'Modular Line'
Manual Rewind

Storage Hose Reels

For a safe and clean storage only. Suitable for hoses DN 13 to DN 250. Rewind systems as manual, electric, hydraulic or pneumatic available.

Type HR
'Storage Reel'



Bonding Reels

Bonding Reel with spring rewind system. For earthing and bonding with highly visible bonding cable, up to 30 m, Ø 5,5 mm, different types of clamps.

Type HR
'Bonding Reel'



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

ELAFLEX HIBY GmbH & Co. KG

Schnackenburgallee 121
22525 Hamburg/Germany
Tel.: +49 40 540 005-0

E-Mail: info@elaflex.de
Internet: www.elaflex.com

© ELAFLEX 5.2026