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

**Aircraft Refuelling Hoses (EN ISO 1825, EN 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, working pressure 20 bar. Also available as Low Temperature versions.

**Fuel Reeling Hoses without Helix (EN 1761)**


**Tank Truck Hoses (EN 1761)**


**Bunkering Hoses (EN 1768)**

Type FHD 75 – 250, collapsible marine bunkering hose without helix. Suitable as pressure hose for petroleum based products. W.P. 15 bar (10°C: 10 bar).

**Universal Tank Hoses (EN 12115)**


**Composite Hoses (EN 13765)**

Type FWS (PP or PTFE), flexible general purpose hose for most common chemicals. Temperature range -30°C to 100°C. 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. W.P. 16 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 blue, electrically conductive. W.P. 16 bar.

**LPG Hoses (EN 1762)**


**Hot Bitumen Hoses (EN 13462)**

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

**Steam Hose (ISO 8134)**

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.

**Petrol Pump Hoses (EN 1360)**

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. W.P. 16 bar.

**ELAFLEX**

hoseconfigurator.elaflex.de
Hose Couplings

**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.

- **Type M**
- **Type V**

**Food + LPG Hose Couplings** (DIN 11851, EN 14422)
Hose couplings of stainless steel with special thread for foodstuffs up to 16 bar. Hose couplings brass/steel with ACME thread for LPG up to 25 bar. SPANNFIX or SPANNLOC clamps.

- **Type RMX**
- **Type AGMC**

**‘TW’ Hose Couplings** (EN 14420-6)
TW hose couplings, one piece or two piece coupler, with SPANNFIX or SPANNLOC clamps. Working pressure up to 16 bar.

- **Type VKC**
- **Type MKC**

**Steel Hose Couplings** (EN 14420-5)
Female/male hose couplings of steel, zinc plated and chromated. For LPG, hot water and mechanical engineering applications. Working pressure up to 25 bar. SPANNFIX or SPANNLOC clamps.

- **Type SMX**
- **Type SVC**

**Cam Locking Couplings** (EN 14420-7)
Hose fittings of brass, aluminium or stainless steel. With SPANNFIX or SPANNLOC clamps. W.P. up to 16 bar (DN100 100bar).

- **Type AVKC**
- **Type AMX**

**‘Storz’ Hose Couplings** (DIN 14301)
STORZ hose couplings of aluminium, SPANNFIX or SPANNLOC clamps. W.P. up to 10 bar.

- **Type SFRX**

**‘Guillemin’ Hose Couplings** (EN 14426-8)
GUilleMIN hose couplings of aluminium. SPANNFIX or SPANNLOC clamps. W.P. up to 10 bar.

- **Type GSKC**

**Flanged Hose Couplings** (EN 1092-1, EN 14420-4/14423)
Swiveling or fixed flanges, SPANNFIX or SPANNLOC clamps.

- **- steel, zinc plated**
- **- chromated**

- **Type SFX**
- **Type SFC-SS**

- **‘TW’ type, for tank trucks, aluminium**

- **Type SFC-TV**
- **Type SFS**

**Safe and secure connections.**

- **Hose Couplings Ferrule Type** (EN 14424)
- **SPANNFIX Hose Couplings** (EN 14420-5)
- **SPANNLOC Hose Couplings** (EN 14420-5)
- **Food + LPG Hose Couplings** (DIN 11851, EN 14422)
- **Steel Hose Couplings** (EN 14420-5)
- **‘TW’ Hose Couplings** (EN 14420-6)
- **Cam Locking Couplings** (EN 14420-7)
- **‘Storz’ Hose Couplings** (DIN 14301)
- **‘Guillemin’ Hose Couplings** (EN 14426-8)
- **Flanged Hose Couplings** (EN 1092-1, EN 14420-4/14423)
Safe and secure connections.

**Tank + Pipe Couplings**

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. Working pressure up to 16 bar.

**Teflon® PFA Coating**
Stainless steel threaded fittings, flanges and couplings are also available with additional Teflon® PFA coating (FDA compliant) on surfaces in contact with medium, for specially aggressive media (e.g. hydrochloric acid, ferro-III-chloride, dilute sulfuric acid). Colour: red.

**Dry Disconnect & Break-away 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. W. P. up to 16 bar. Also available with selectivity system or flanged type.

**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.

**Cam Locking Couplings** (EN 14420-7)
Female or male couplings, dust caps and dust plugs, DN 13–100, of stainless steel, brass or aluminium. W. P. up to 16 bar. (DN 100 up to 10 bar)

**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.

**Symmetrical Couplings**
Fixed couplings Storz or Guillemin, with BSP thread. All standard sizes of brass, aluminium or stainless steel. Working pressure 10 bar.

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

**Pipe Connectors**
Flexible bronze pipe connectors with swiveling oval flanges. Suction service between dispenser + storage tank, max. vacuum 0,9 bar. Type BWO: standard. Type KW: with cathodic protection.
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. W. P. 10 bar up to 100°C, 6 bar up to 110°C. Temperature range -40°C 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.

**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-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-OR**
- ORANGE BAND expansion joint for Liquid Petroleum Gas (LPG) according to EN 589. Temperature range -20°C up to 90°C, temporarily up to 100°C. Lining NBR.

**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 conforms 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.

**Accessories**
- With additional PTFE liner (ERV...TA)
- With tie rods as limners (ERV...ZS)
- 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, TÜV)
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 up to 3.5 bar.

**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 up to 3.5 bar.

**ZVA 32** (ATEX)
Automatic nozzle for flowrate up to 200 l/min, DN 32. Suitable for diesel, light fuel oil, petroleum, Avgas and Jet-A1. Working pressure 1.5 up to 6 bar.

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

**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 up to 3.5 bar.

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

**ZV 19 / ZV 25**
Manually operated nozzles 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, W.P. up to 3.5 bar. Special types for chemicals available.

**Bulk Delivery Nozzles**
Manually operated fuel oil nozzles DN 32 – 50, types ZV 400, ZV 500 and ZH 50. Available either with fixed spout or TW coupling. Flowrates: ZVF 25 up to 140 l/min, ZVA 32 up to 200 l/min, ZVF 50 up to 400 l/min.

**ZVF 25**
Automatic nozzle for urea solution (AdBlue®, DEF). Flowrate up to 40 l/min. Working pressure 0.5 to 3.5 bar. Spout with magnet opening; refuelling only possible with ELAFIX 40 magnet adapter within vehicle filler neck.

**ZVF 25**
Automatic nozzle for flowrate up to 140 l/min, DN 25. Suitable for gasoline, diesel and fuel oil. Working pressure 0.5 to 3.5 bar.

**ZVF 25**
Automatic nozzles in special construction of gunmetal (ZVA-RG) or bronze (ZVA-GBZ). Suitable for solvents, alcohols and chemicals.

**Safety Breaks** (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.

**Nozzles for Aircraft Refuelling**
Automatic or manually operated nozzles for wing refuelling. Suitable for AVGAS and JET fuels. Flowrates: ZVF 25 and ZVA 25 up to 140 l/min, ZVA 32 up to 200 l/min, ZVF 50 up to 400 l/min.

**SSB 16**
Flameproof safety break coupling with isolation coupling for light vehicles.

**SSB 16**
Flameproof safety break coupling with isolation coupling for light vehicles.

**SSB 25**
Flameproof safety break coupling with isolation coupling for light vehicles.

**SSB 32**
Flameproof safety break coupling with isolation coupling for light vehicles.

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

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