



Plastic hoses

Application

Hoses suitable for the transportation of air, gases, (contaminated) water, mud, fertilizers, dust, sawdust, textile fibres, smoke and welding vapours, shredded paper.

Temperature range

From -10°C to a maximum of +60°C.

Working pressure

From 90% vacuum to 10 bar.

Construction

The inner and/or outer wall is made of different types of plastic, such as PVC, PE, polyurethane.

Colour

Available in transparent or different colours such as: blue, red, green, yellow, with or without marking.

Dimensions

Available with an inside diameter of 2 to 250 mm. Rolls up to 50 metres long are standard. Larger dimensions or lengths upon demand.

A brands

Merlett / Schauenburg



Hydraulic hoses

Application

Hoses suitable for all hydraulic applications, oils, lubricants, crude oil, many other liquids and gases. Also for high pressure water cleaning.

Temperature range

From -40°C to maximum +90°C.

Working pressure

Up to 700 bar according to SAE, DIN, EN and ISO specifications.

Construction

Inner and outer wall made of oil-resistant, synthetic rubber, polyamide, polyurethane, Hytrel.

Reinforcements

Braided textile fibres, braided or multi-spiral wire.

Colour

Outside black, blue, orange.

Dimension

Available with an inside diameter of 5 mm (3/16") to 65 mm (2,1/2"). Maximum lengths upon demand.

A brands

Parker - ITR / Phoenix



Composite hoses

Application

Industrial hoses for the suction and discharge of different chemicals such as: solvents, acids, alkalis, petroleum as well as mineral oils with an aromatic content up to 100%, including vapour return. Cryogenic fluids, such as LPG, carbon dioxide, liquid ammonia.

Temperature range

From -200°C to maximum +100°C.

Working pressure

From 90% vacuum up to 25 bar.

Construction

The hoses are composed of different, wrapped fabrics and films of different materials such as polyamide, polyester, polypropylene, Hostafion PTFE, PVC, enclosed between metal inner and outer wires, spiral wires of galvanized steel, SS, PP coated steel.

Colour

Depending on the type: grey, blue, green, red, yellow. Also, marking tape with text is applied.

Dimensions

Available with an inside diameter of 25 mm up to 250 mm.

A brands

Dantec



Rubber hoses

Application

Hoses used for the transportation of air, (hot) water, steam, mineral oils and petroleum products, animal and vegetable oils and fat, gas or liquid propane and butane, acids, alkalis, alcohol, solvents, esters and ketones, cement, concrete mortar, cattle fodder and granules.

Temperature range

From -40°C to maximum +200°C.

Working pressure

From 90% vacuum to 80 bar.

Construction

The inner and/or outer wall consists of different types of rubber such as NR, SBR, CR, NBR, EPDM, IIR, XPE, UHMWPE.

Reinforcement inlays

Synthetic and textile fibre, steel and plastic vacuum spiral, static wires.

Colour

The outer wall available in different colours such as black, blue, yellow, red, green or with coloured transfer tapes.

Dimensions

Available with an inside diameter of 6 mm to 200 mm standard. Larger dimensions upon request. Roll lengths up to 120 meter are possible.

A-brands

IVG / ContiTech / Phoenix / Trelleborg



Metal hoses

Application

Flexible metal hoses are suitable for the transportation of air and gases, exhaust fumes, (hot) water, mineral oil and petrol products, gas or liquid natural gas, propane and butane, cryogenic gases, acids, alkalis, alcohols, solvents, esters and ketones and many other chemicals.

Temperature range

From -273°C to maximum +600°C.

Working pressure

From full vacuum to 250 bar.

Construction

An corrugated inner tube of RVS 316, RVS 321, bronze, Monel or Hastelloy. The braid is available in SS 304, SS 316 and Monel.

Corrugations

Annular or helically convoluted with narrow, normal or wide pitch.

Assembly

The connections or flanges can be soldered or TIG welded. The welding procedure is approved by Lloyd's Register and the welders are Lloyd's qualified.

Dimensions

Available with a nominal inner diameter of DN 6 up to DN 250.

A-brands

Tubiflex



PTFE (Teflon) hoses

Application

Hoses extremely suitable for a wide range of aggressive chemicals such as acids, alkalis, esters, ketones, solvents, alcohols as well as for all oil products and grease, (hot) water and steam and food-stuffs and pharmaceutical products.

Temperature range

From -50°C to maximum +260°C.

Working pressure

From full vacuum (at 130°C) to 300 bar.

Construction

High grade white PTFE or black antistatic version (available with an inner smooth or convoluted execution or a unique combination of a smooth inner wall with a ribbed outside).

Reinforcement

Equipped with a braid of SS, Hastelloy, polypropylene, Kynar and SS vacuum spiral.

Protection

Exterior rubber cover of EPDM (colour blue) or transparent silicone, rubber, fire sleeves or scuff rings.

Dimensions

Available with an inner diameter of 6 mm to 100 mm. Larger dimensions and maximum length upon demand.

A-brands

Aflex / Tite-flex / Hillesheim



Hose couplings

Application

Hose couplings connections suitable for different types of use, assembly and pressure classes.

Execution

The most well-known threaded, flanged and pipe connections, including screwed couplings connections with inner and outer thread. Flange connections DIN, JIS, ANSI, fixed or rotating in different pressure classes. Also Roman Sieliger clamp connections, Boss steam couplings, Storz, Guillemin, Camlock, TW couplings, Bauer, Perrot, Airking, Geka, Mody, Weco, Victaulic.

Also quick disconnect couplings available under the brand names Ceijn, Snap-tite, Clefit. Also the best industrial dry-break connections by Epsilon, Todo, Kamvalok.

Material

Steel, SS, alloy, cast iron, Monel, Hastelloy C, polypropylene, Teflon.

Thread

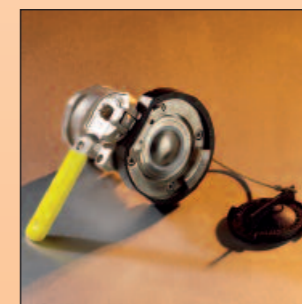
BSP, NPT, BSPT, JIC, Metric, inner as well as outer thread, fixed or swivelling, straight or tapered.

Clamps

All hose clamps such as Band-it, Pari, ABA, Klemfa, Micalor in galvanized steel or stainless steel.

A-brands

Aeroquip-Epsilon / Todo / Rakord 100



Compensators

Application

For the absorption of vibrations and movements in piping systems as a consequence of e.g. thermal expansion and for the prevention of undesired tensions caused by installation and alignment errors.

Subdivided into rubber and metal compensators.

Temperature range

Rubber: from -30°C to maximum +130°C. Stainless steel: from -180°C to maximum +600°C.

Working pressure

From 90% vacuum to 25 bar.

Construction

Rubber bellow of EPDM, neoprene, nitrite, Hypalon provided with steel flanges or threaded connections. Stainless steel, corrugated bellow with flanges or welding ends.

Connections

Threaded nipples with BSP or NPT thread, flanges according to DIN, JIS or ANSI, fixed or rotating, steel or stainless steel and with different pressure classes. Welding ends terminals with standard pipe dimensions.

Dimensions

Available with a nominal interior diameter of DN20 to DN250 and standard lengths. Larger dimensions upon request.

A-brands

Clekomp / Elaflex

