

HIGH TECHNICAL QUALITY



druckflex
Quick-Couplings for Tubes and Hoses

PRODUCT GUIDE



**PIPELINES • PIPE COUPLINGS • HOSE LINES •
HOSE COUPLINGS • FITTINGS AND SPARE PARTS**

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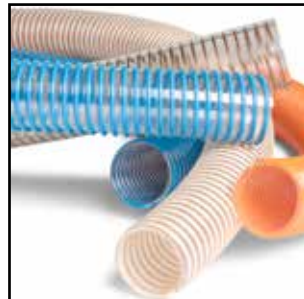
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PIPELINES

SURVEY

Piping material for conveying powder or free-flowing mediums is available from stock at short notice - in any size, dimension or material.



- pipe couplings for pneumatic conveying systems
- pipe connectors for suction lines
- pipe bends in glass, stainless steel or wear resistant version
- pipe fittings (pipe branches and T-pieces as well as reducers)
- pipes in any material and diameter
- wear protection for pipe bends and pipe fittings
- conveying and suction hoses made of rubber, plastic or metal
- dual-band couplings for axial fastening
- coupling stations based on customized CAD-drawings
- suction lances in stainless steel or aluminium
- innovative magnet separators
- pipe couplings



04



06



08



09



09



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12



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PIPELINES

PIPES

Stainless steel pipes with smoothed in seam and stained or brushed surface are perfectly suited for the application in pneumatic conveying systems.

Aluminium pipes are suitable for conveying lines or vacuum lines. Glass pipes are recommended for highly abrasive materials.



STAINLESS STEEL I ROUND PIPE

material: 1.4301
length: 6000 mm
in seam smoothed

ALUMINIUM I ROUND PIPE

material: AlMgSi0,5 F22 (6060 T66)
length: 6000 mm
special dimensions on request

GLASS I ROUND PIPE

material: Borosilicate glass 3.3
length: 1500 mm
adhesive-bonded copper band



PIPELINES

PIPE BENDS

Pipe bends with large radii are available in stainless steel, glass or wear-resistant version. We will also manufacture your individually desired, specific pipe bend.

In order to do so, please indicate the respective pipe diameter and radius as well as the shank extension.



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STAINLESS STEEL PIPE BENDS

material: 1.4301
inseam smoothed
wrinkle-free bended
Ø 38,0 bis 168,3 mm



WEAR-RESISTANT PIPE BENDS

considerably longer lifetime compared to stainless steel 1.4301
mountable with standard pipe couplings
Ø 40,0 to 60,3 mm
further dimensions on request



GLASS PIPE BENDS

material: Borosilicate glass 3.3
5mm wall thickness / for stainless steel pipe
40 / 50 / 60,3 mm
adhesive bonded copper band
Ø 47,0 to 66,0 mm for stainless steel pipes
Ø 40,0 to 60,3 mm



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PIPELINES

PIPE FITTINGS

Pipe fittings in stainless steel, glass or wear-resistant design are available in various versions. Custom-made products are realizable at short notice.



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STAINLESS STEEL FITTINGS

Branches 45° and 30°, T-Pieces, Y-Pieces, reducers
material: Stainless steel 1.4301
inseam smoothed
custom-made products realizable at short notice



WEAR-RESISTANT FITTINGS

Branches 45° and 30°, Y-Pieces, reducers
considerably longer lifetime
mountable with standard pipe couplings
further dimensions on request



GLASS FITTINGS

Branches 45°, reducers
material: Borosilicate glass 3.3
5mm wall thickness
for stainless steel pipe 40 / 45 / 50 / 60,3 mm
adhesive bonded copper band



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PIPELINES

COUPLING STATIONS

Customized coupling stations can be assembled at short notice. In order to connect these with the existing

conveying system, all kinds of Camlock-couplings and conveying hoses can be delivered immediately.



MATERIAL DISTRIBUTORS

with stainless steel frame (polished with grain 240)

customized CAD-drawings

can be equipped with stainless steel, glass and wear-resistant parts

PIPELINES

SUCTION LANCES

Suction lances in stainless steel or aluminium can be supplied from stock immediately. Special lengths or custom-

made products can also be delivered at short notice.



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STAINLESS STEEL SUCTION LANCES

material: Stainless steel 1.4301
with clamp or 45° miter joint
inner pipe with 45° bend cut
approx. 1000mm overall length

ALUMINIUM SUCTION LANCES

standard outer diameter - accurately fitting in the opening
integrated clamp avoids slitting open foils
special lengths or inner pipe made of
stainless steel realizable



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PIPELINES

MAGNET SEPARATOR - MAG 14.000

The innovative magnet separator MAG 14.000 prevents, in an easy way, plant shutdowns caused by dangerous metal residues in granules. Due to its strong folding mechanism the magnet can

be subsequently fastened on all non-magnetic parts of the conveyor pipe. It is instantly ready to use. No energy source is needed.



MAG 14.000

- available in different diameters
- folding mechanism allows subsequent fastening on all non-magnetic pipes
- ferritic components stick to the pipe and not directly to the magnet
- easy-clean function for quick ejection of stopped metal residues

PIPE COUPLINGS

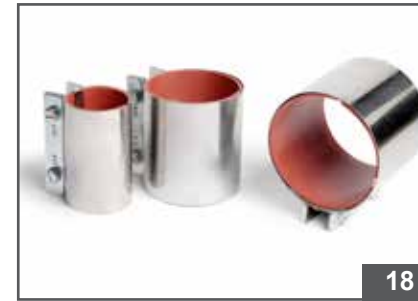
SURVEY

Pipe couplings for various applications are available from stock at short notice. High pressure couplings, stepped couplings, DRS pipe connectors and DKS couplings are part of our extensive product portfolio.

Our couplings convince with their robust design and have been proven for decades in various industrial sectors. Furthermore, we offer almost every types of gaskets.



- DKS pipe couplings for pressure conveying
- DRS pipe connectors for suction conveying
- high pressure couplings
- pipe connectors to join glass and stainless steel pipes
- stepped couplings to join pipes with different cross sections
- pipe couplings for fluids
- pipe connectors for pneumatic dispatch systems
- pipe couplings with special gaskets (Viton, Silicone, FDA quality)
- pipe couplings system STRAUB, TEEKAY and NORMA
- traction reliefs to compensate axial forces
- diameter 33,7mm to 355,6mm



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PIPE COUPLINGS

DKS PIPE COUPLINGS

Original DKS pipe couplings are deliverable from stock in various diameters and with various gaskets.

DKS pipe couplings convince with their dual inner jacket - combined with strong bars and solid screws.



FOR PRESSURE CONVEYING
diameters from 33,7mm up to 355,6mm



PIPE COUPLINGS

DRS PIPE CONNECTORS

For over 40 years, DRS pipe connectors convince with their maximum tension path as well as their easy-to-assemble application.

They particularly qualify for connecting glass pipes and glass pipe bends as they homogenously compensate glass tube tolerances .

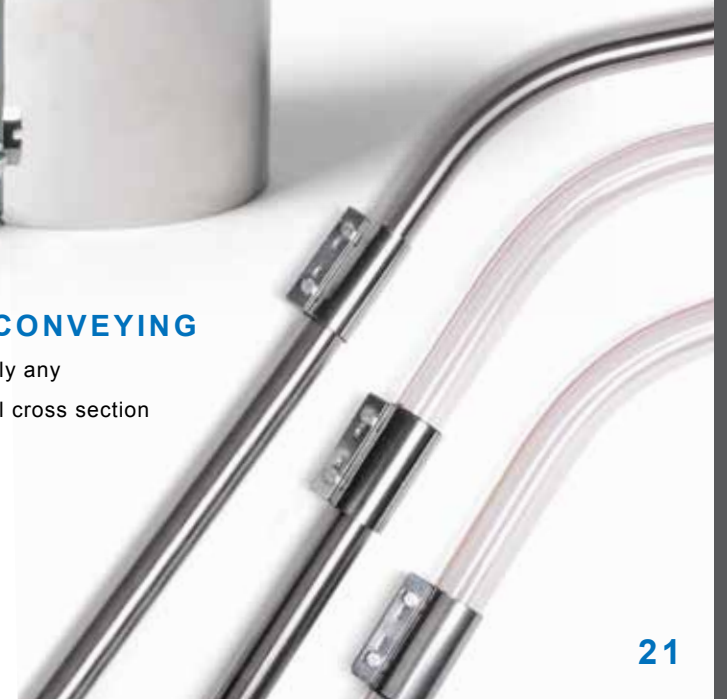


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FOR VACUUM CONVEYING

If required, we can supply any special gasket or special cross section - even at low quantities.



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PIPE COUPLINGS

STEPPED COUPLINGS

DKS stepped couplings are perfectly suitable to connecting pipes with different cross sections. Our couplings are manufactured for your individual purpose, convincing with their high-

quality design as well as their absolute roundness.

All special gaskets can be combined with the stepped couplings.



HIGH PRESSURE COUPLINGS

High pressure couplings and pipe couplings for fluids are available in various diameters and materials (1.4301/1.4571) at short notice - even with axial tensile strength.

As we offer a large variety of products, we would be happy to advise you specifically for your intended purpose and to look for the best solution for you.

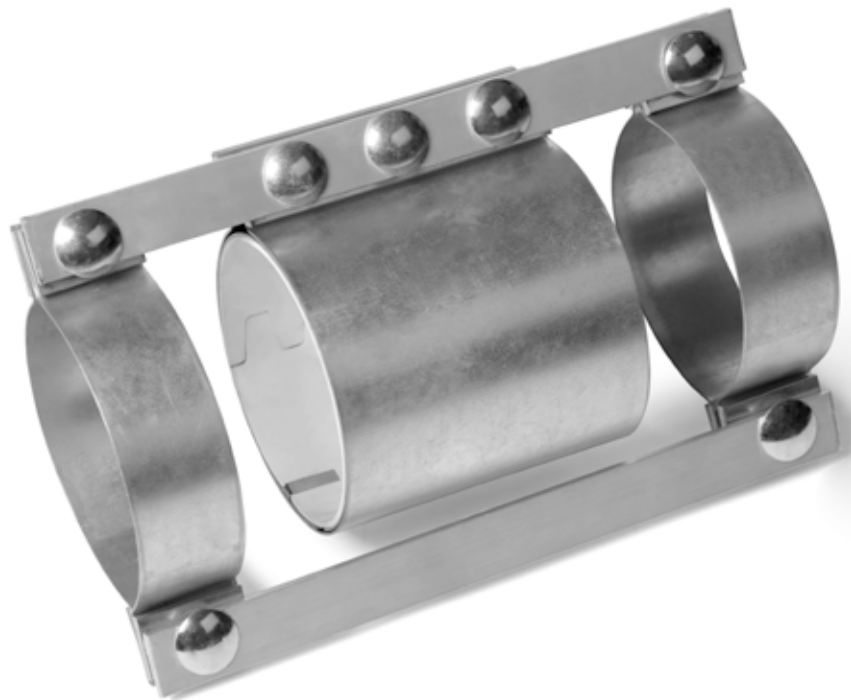


PIPE COUPLINGS

TRACTION RELIEFS

Traction reliefs that compensate axial forces are deliverable for all DKS pipe couplings - at short notice and even

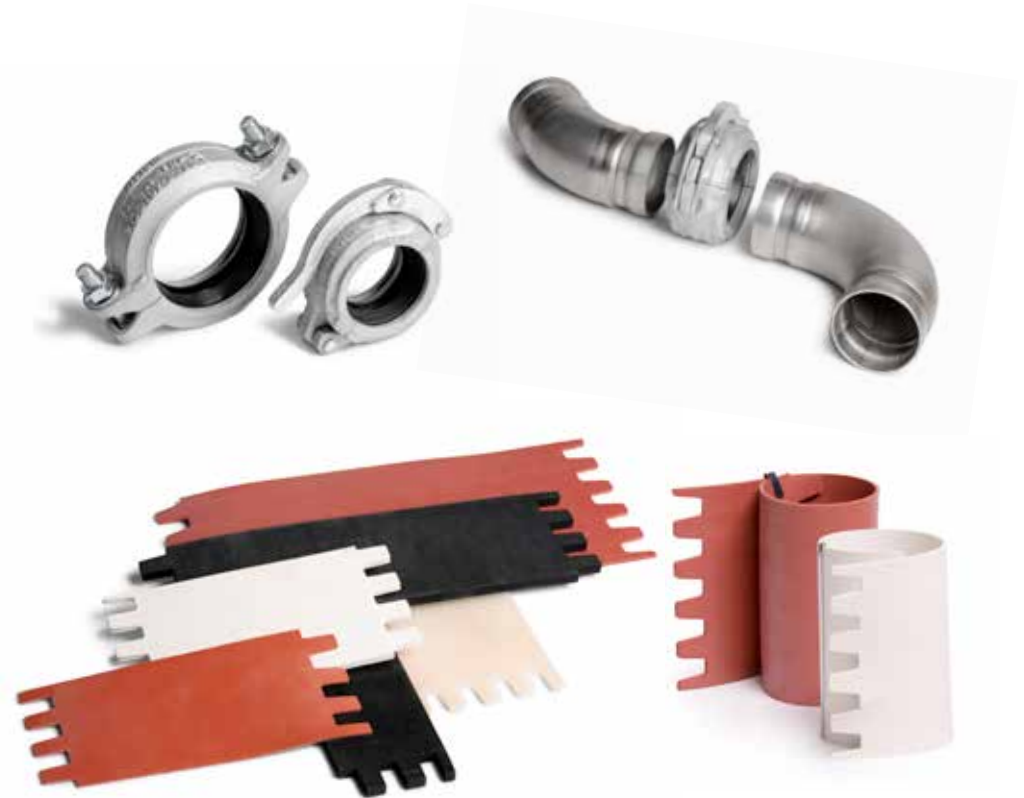
in small quantities. Custom-made products can also be realized quickly.



SPECIAL GASKETS AND COUPLINGS

We store an extensive portfolio of different gaskets in various thicknesses and materials (Viton, Silicone, FDA quakity).

Almost every special gasket can be manufactured quickly in our production accordings to your individuel specifications.



HOSE LINES

SURVEY

We offer an impressive selection of conveying hoses for each medium in stainless steel PTFE, PVC, PUR, NBR, VITON, or natural rubber - up to DN 500mm.



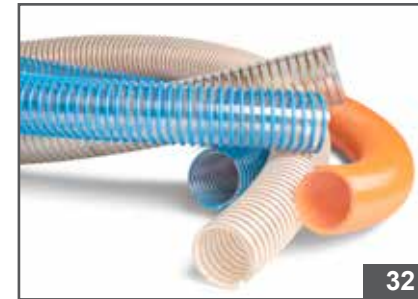
- PTFE corrugated hoses
- PTFE-HD-hoses
- PTFE compensators
- TEFLON transfer hoses
- stainless steel flexible hoses for vapour, oil, air or chemicals
- DVGW gas hoses
- stainless steel compensators
- tank truck hoses
- chemical hoses
- sewage water hoses
- conveying hoses for granules
- silo hoses
- high and low pressure hoses made of rubber
- thermoplastic high pressure hoses
- corrugated hoses made of PTFE / PFA
- Mounting equipment
- custom-made products in any quantity



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HOSE LINES

PTFE HOSES / TEFLON HOSES

PTFE convoluted hoses or smooth hoses can be made to order in various designs. We offer all sorts of variations, for example hoses with a curved/

extruded cover, with stainless steel or PP braiding, a heat-able dual connection or a dairy coupling.



MADE TO ORDER STARTING FROM DN 4MM

For any inquiries, please get in touch with us indicating your technical requirements such as pressure, temperature and medium.



HOSE LINES

METAL HOSES

Metal hoses for any kind of applications can be made to order in various designs. Winded metal hoses with profile are suitable for the application as extraction-, air- or conveying

hoses as well as protective or multi-purpose hoses. Furthermore, full-metal corrugated hoses made from welded or seamless pipe are available on request.



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HIGH PRESSURE HOSES

Our high pressure resistant hoses are ideally suited for a pressure resistant line, which should be flexible as well.

We will be happy to configure your desired hose - our qualified technical staff is at your disposal.



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HOSE LINES

CONVEYING HOSES

Conveying hoses for transporting powder or free-flowing mediums (e.g. granules, cement, sugar, sand) are available in any dimension from stock or on request.

PUR and PVC hoses for the use in plastics industry are deliverable from stock in sizes 40mm, 50mm and 60mm.



FOR ALL MEDIUMS

Our portfolio also includes connection elements in various designs (e.g. system Camlock, STORZ, Tykoflex).

HOSE LINES

COMPENSATORS

PTFE compensators are the only solution in case a high degree of flexibility is to be combined with vacuum and pressure resistance. In a special procedure using pressure and temperature, homogenous

and non-porous winded hoses are formed into a high pressure bellow which withstands a pressure up to 16 bar. PTFE compensators are available from DN 25 up to 600mm.



HEAT PROTECTION FOR HOSES

To protect hoses and cables from heat we recommend our heat protection made of braided glass fibre with silicone coating. Resistant to a lot of industrial chemicals as well as to hydraulic fluids,

the heat protection provides a long lasting temperature stability of approx. 260° C. In the reverse conclusion, the heat protection can also be used to reduce heat energy loss of hose lines.



We offer our ready-to-use heat protection in various diameters and lengths - if desired in combination with a suitable hose.

HOSE COUPLINGS

SURVEY

Innovative hose couplings with patented operating modes are part of our comprehensive delivery program.



- Dry-Mate safety couplings
- PTFE coated couplings
- TYKOFLEX couplings (Perrot system)
- couplings with end-switch (Induktive/ Namur)
- original system KAMLOK MIL-C 27487 / EN 14420-7 (DIN 2828)
- Camlock couplings in any material
- drop-free high pressure couplings
- STORZ couplings
- TW couplings DIN 28450
- lever arm couplings DIN 2828
- sight-glass couplings
- lockable couplings
- self-closing couplings
- GUILLEMINE couplings



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HOSE COUPLINGS

DRY-MATE KUPPLUNGEN

Dry-Mate safety couplings or so-called dry couplings allow safe disconnection and connection of flexible lines in which, for example, chemical substances are transported. Under ideal conditions, disconnecting will be nearly „drip-free“,

made possible by a patented design using a double ball valve. Based on a Camlock locking system, coupling and uncoupling can only take place after the hose lines have been closed by the ball valves.



FOR „DRIP-FREE“ DISCONNECTION

Dry-Mate safety couplings are available in stainless steel AISI 316 and in polypropylene. Any spare parts as well as gaskets (Viton, EPDM, Kalrez) can be

supplied at short notice. Various sizes from 1“ to 2“ are available – even with full pass. Further dimensions on request.

HOSE COUPLINGS

TYKOFLEX COUPLINGS

We offer quick couplings for safe and fast disconnection, to be used for transporting e.g. water, oil, air, grains, flour, cement, concrete and asphalt. The pressure and vacuum tight Tykoflex

couplings are equipped with an automatic safety lock preventing accidental disconnection caused by vibration. Their special design allows the user to still swivel connected hoses simultaneously.



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ACUTE AND OBTUSE ANGLE COUPLING

Tykoflex couplings are available in galvanized steel, stainless steel and aluminium.

For pressure and suction systems.

Maximum operating pressure: fluids 12,5 bar / compressed air 8 bar.

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HOSE COUPLINGS

HOSE COUPLINGS

We offer an extensive selection of Camlock quick couplings acc. to MIL-C 27487 / EN 14420-7 (DIN 2828). Adapters and couplers as well as male and female parts of the same size can

be optionally combined with each other. All types (i.e. type A,E,C, DC) as well as designs in stainless steel or brass are available in sufficient quantities ex stock.



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IN PP, PVDF, AL, MS, V2A

Diverse plastics (e.g. PP, PVDF) can also be contained in Camlock quality, just as couplings with IBC container connection.

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HOSE COUPLINGS

STORZ COUPLINGS

STORZ couplings for pressure and suction mode are available in any nominal sizes, dimensions and in

various materials. Our product portfolio also includes blind couplings, fixed couplings and adaptor pieces.



IN ALUMINIUM AND STAINLESS STEEL WITH END SWITCH AND LOCK

If required, Storz couplings can be equipped with an inductive end switch or with a lock.

HOSE COUPLINGS

PTFE COUPLINGS

When handling aggressive chemical media, coated fittings are the only solution as high-alloyed stainless steel is not suitable for the application under these extreme conditions.

The PTFE coating is non-conductive, but only the product contacting parts of the fittings are coated. Thus, the electrical conductivity of the hose line is still guaranteed.



HOSE COUPLINGS

TANK TRUCK COUPLINGS

Tank truck couplings acc. to DIN 28450 are available from stock at short notice. Various designs and accessories

(e.g. plugs, couplings and clamping rings) can also be supplied at short notice - even in small quantities.



IN ALUMINIUM AND BRASS WITH ACCESSORIES

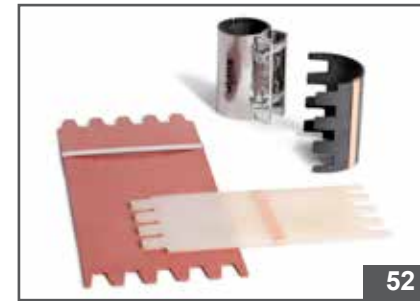
Our tank truck couplings are suitable for a working pressure of 16 bar. They are also obtainable with protective coating.

FITTINGS AND SPARE PARTS SURVEY

We stock a comprehensive product range of spare parts, fittings and gaskets in order to offer each of our customers prompt and efficient solutions.



- fittings in PP, PVDF and 1.4301
- replacement gaskets for any couplings
- IBC accessories
- ball valves in various materials
- hoses armatures in stainless steel, brass and aluminium
- threaded hose couplings DIN 11851
- flange connections for all kinds of hoses
- hose clamps
- hose clamp collars
- spare parts for all offered products



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FITTINGS AND SPARE PARTS

REPLACEMENT GASKETS

We offer gaskets for all types of pipe couplings - in any material and quality (such as NBR, SBR, Silicone, FDA). To supply the appropriate gasket, please provide the type of your required

coupling, indicating length and diameter. We also produce customer-specific ground straps for electrical conductivity in any desired length.



REPLACEMENT GASKETS

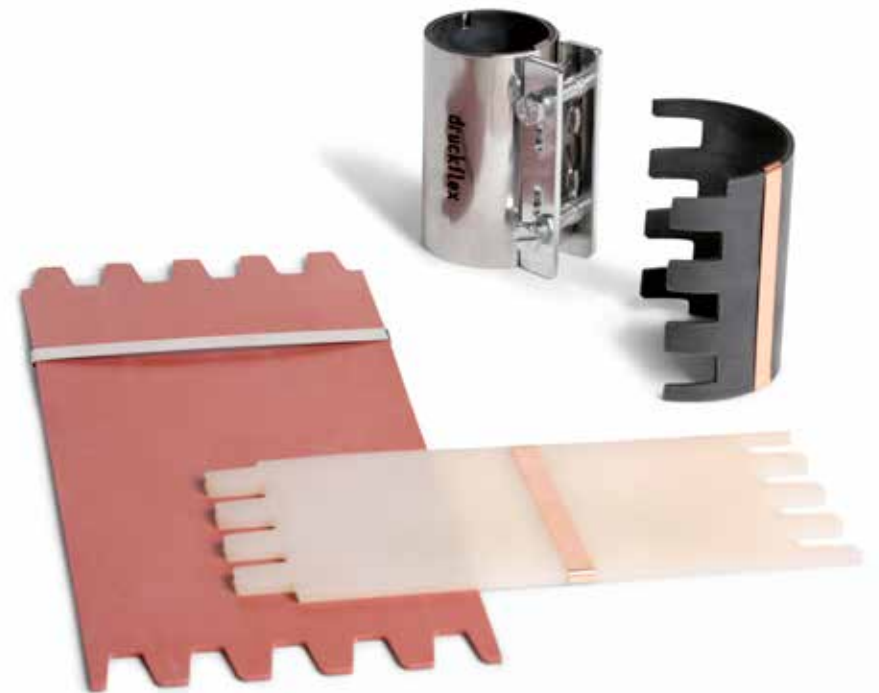
Besides gaskets we stock all kinds of accessories that are integrated into our products: e.g. bolts, levers, chains, split spins and others.

FITTINGS AND SPARE PARTS

SPARE PARTS

For all of our products we store a large number of spare parts as well as wear and tear parts. We will be

happy to support you with the help of detailed drawings to find your required products.



FITTINGS AND SPARE PARTS

FITTINGS AND IBC ACCESSORIES

Pipe fittings in PP, PVDF and 1.4301 are available in any version. Camlock couplings in FDA quality are also part of our comprehensive product portfolio. Furthermore, IBC adaptors and con-

tainer accessories are available in various combinations (e.g. with camlock adaptors) and materials (i.e. 1.4301 and PP).



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IN PP AND PVDF

Please contact us if you have any questions about the products, as our illustrations show only a small selection of our portfolio.

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FITTINGS AND SPARE PARTS

FLANGES, CONNECTORS AND CLAMPS

Flanges, collars and hose clamps that fit any of our hoses are available at short notice. We will gladly assist you with the

configuration of your specific hose or connector.



ARMATURES

For decades, armatures - in particular ball valves - are part of Druckflex's product portfolio. Ball valves in light or heavy designs or with bore are available in many dimensions. Further information

on our extensive product range can be found in our technical data sheets. You are also welcomed to contact us directly indicating the required sizes and dimensions.



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Quick-Couplings for Tubes and Hoses

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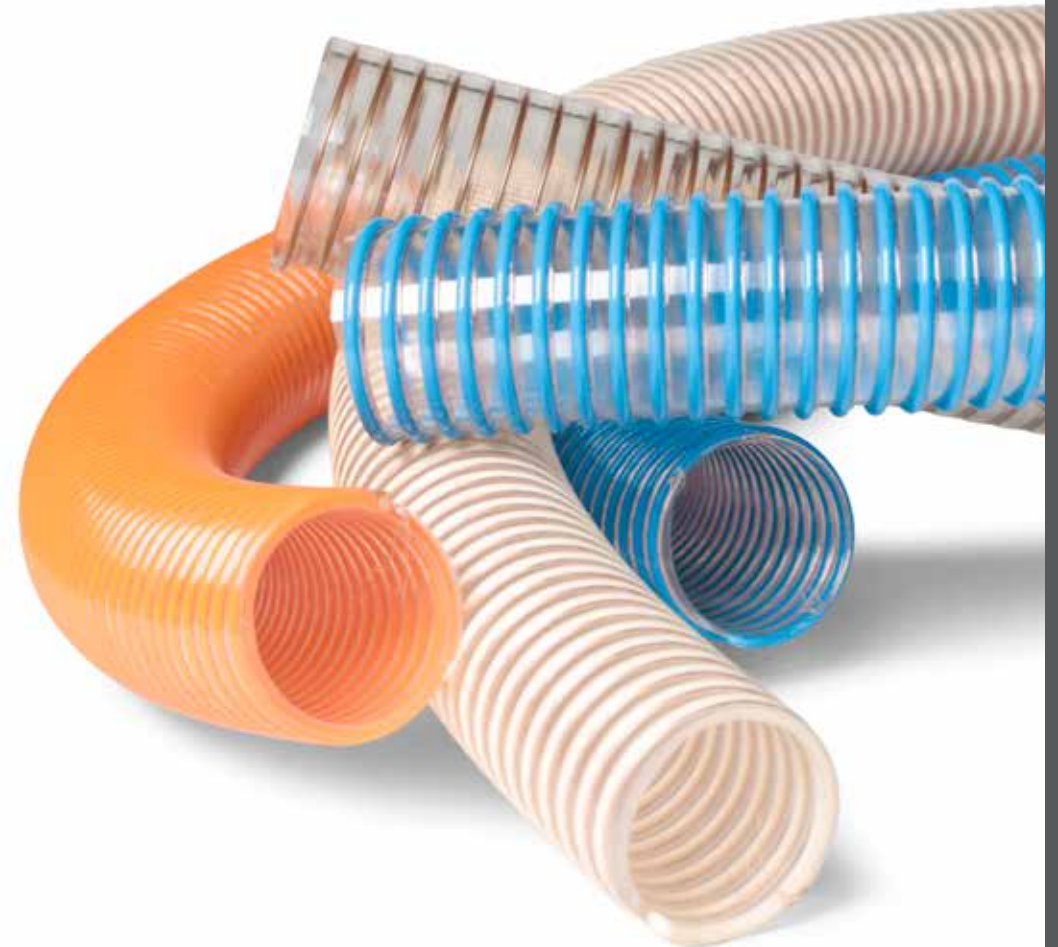
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