



Specialist for flexible connections



PRODUCT CATALOGUE

Type: LF-DD



Filcoflex specialises in flexible connections for the foodstuffs and pharmaceutical industry. We are a major player in the dry substances sector, with products for bulk and powder transport systems.

All areas of this sector use innovative and reliable products, including the sure fit line, silicone weighing bellows and/or inflatable bag clamps.

For all of these products and materials we strive to achieve certification and generate test reports with which we can demonstrate the use of reputable and reliable materials. Production takes place in the Netherlands so that delivery times and quality are guaranteed.

CERTIFIED    

Filcoflex specialises in custom production and has a solution for almost everything.

The combination of Filcoflex and Euro-Manchetten & Compensatoren equals 30 years of knowledge and experience. We have many references in the foodstuffs sector in Europe. Filcoflex also operates outside Europe for several years and has a great many overseas references.

Filcoflex operates internationally through a number of agencies and has its own office in Germany. The latest developments in this field can be found at www.filcoflex.com



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On the right of every page you can find the symbols that are explained below. These symbols indicate the situations in which the products are applicable. Some products can even be used in several situations. The symbols give you an effective visual prompt in this case.



ATEX



Atmosfeer Explosief:

The ATEX logo illustrates that this product meets at least one of the following conditions

- explosion pressure resistant.
- fire safety
 - fire hazard reduction by means of dust and air-tightness
 - fire-retardant or self-extinguishing
- anti-static or static dissipative
- static discharge safe
- safe to use for Powder or Gas Products with an ignition value higher than 1mJ



FDA/ECC Food Contact

Food and Drug Administration: American quality label
ECC 1935/2004: European norm

All of our products that are applicable in the pharmaceuticals and foodstuffs industry meet these standards. This involves using recognized materials with accompanying test reports and/or certificates.

Filcoflex has 2 types of Poly Urethane Films that are certified to use in contact with food according to European **EU 1935/2004** and **EU 10/2011**, and **FDA** regulations. **Migration Testing** reports available on request



TAGS



CIP

Cleaning In Place: hygienic CIP design that is friendly to the work environment:

- CIP liquid-resistant.
- CIP temperature-resistant dry and liquid.
- Liquid-tight
- Air-tight.



Weighflex

Products that are especially designed and have little or no effect on weighing and/or dosing process.



Hygienic design

With our products we strive to earn the ehedg quality mark and 3-A Sanitary, by giving our products the smoothest possible flow profiles. The smooth interior reduces the hygienic risk. Reducing the number of edges and gaps in which dirt or contamination can accumulate. The possibility for effective cleaning is optimized with this design.



Pharma

Certification and stringent quality demands make this product applicable in the pharmaceutical industry.



Abrasive

Abrasive and wear-resistant ensure a long life span.



Hot

High temperature-resistance:

- for temperatures above 90°C
- for temperature above 250°C



Chemical

High temperature resistance and chemical resistance.

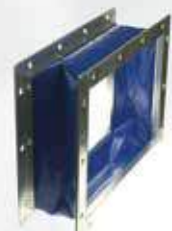
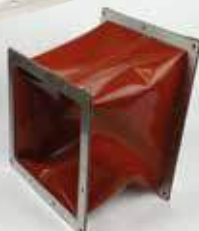


Detectable

Applicable in places where undesired products must be detected or magnetically separated by means of colour or metal detection.



In order to be able to offer a flexible connection with the correct dimensions and shape for every situation in a process, we can custom produce almost anything with the aid of our 3D CAD/CAM software.



- Diameter adapter
- Eccentric adapter
- Round to square adapter

- Round to semi round adapter
- etc.

This is possible with almost any conceivable rubber, plastic film and woven fabric. There are many different possibilities for ATEX, food grade, chemical, detection and weighing applications.

ATEX



FDA/ECC



CIP



Weighflex



Hygienic design



Pharma



Abrasive



HOT

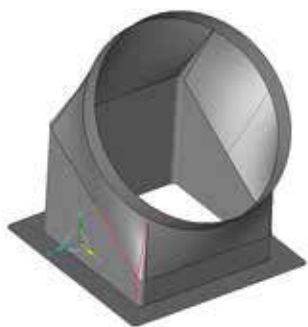


Chemical



Detectable





CUSTOM MADE PRODUCTION

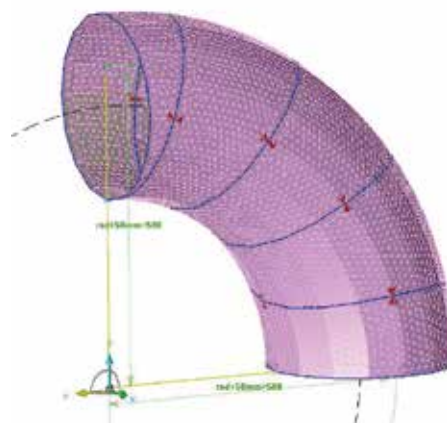
As the name "custom production" suggests, everything can be produced in the desired dimensions.

Material specifications

Custom produced flexible connectors are available in many different materials, such as:	Any shape can be produced, such as:
<ul style="list-style-type: none"> Rubber 	<ul style="list-style-type: none"> Round
<ul style="list-style-type: none"> Plastic foil 	<ul style="list-style-type: none"> Rectangular
<ul style="list-style-type: none"> Woven cloth 	<ul style="list-style-type: none"> Semi round
<ul style="list-style-type: none"> Rubber coated fabric 	<ul style="list-style-type: none"> Oval, round > square adapter
<ul style="list-style-type: none"> Plastic coated fabric 	<ul style="list-style-type: none"> Round > round Ø diameter adapter
	<ul style="list-style-type: none"> Rectangle size reducer
	<ul style="list-style-type: none"> Alignment adapter
	<ul style="list-style-type: none"> Etc.

Fastening options

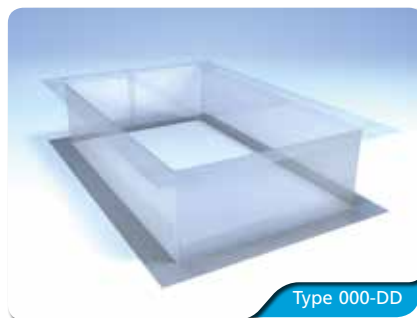
• A	Aluminium flange, for air ducts
• D	Cloth flange (flared flange)
• F	FSC
• K	Hose clip welded/stitched
• L	LFR
• M	FDM
• O	Unworked
• P	Pneumatic fitting
• R	Straight sleeve at end
• Z	Hem



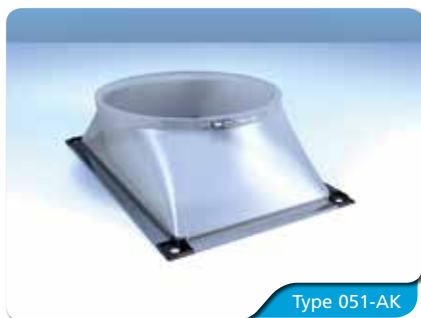
Besides the standard flexible connectors, there is also the possibility to design special versions, which are available in almost all materials; depending on the requirements that are specified. Materials can be found in the material specifications.



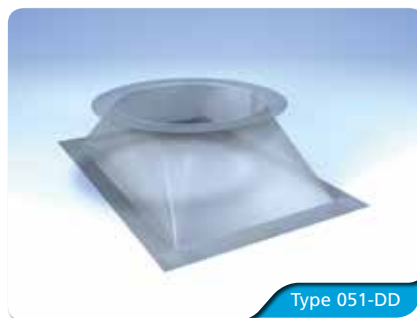
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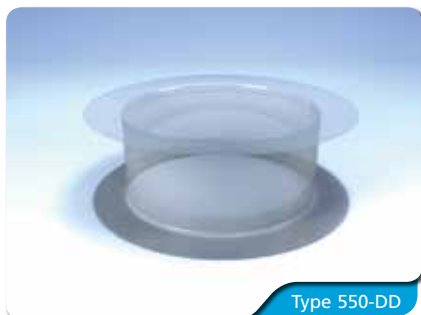
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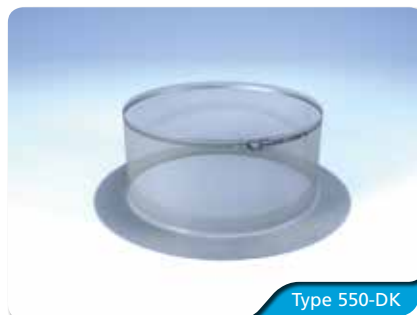
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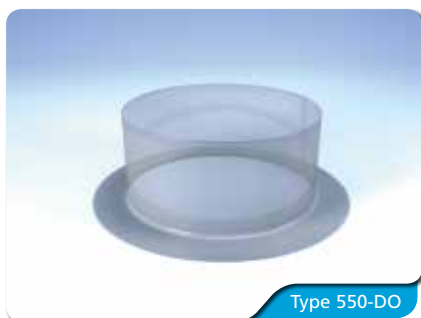
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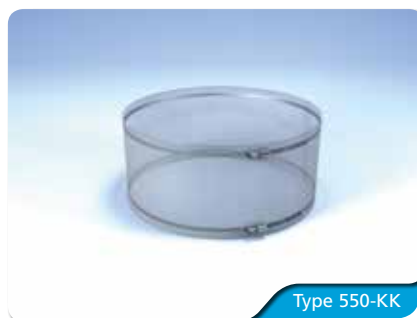
Type 550-DD



Type 550-DK

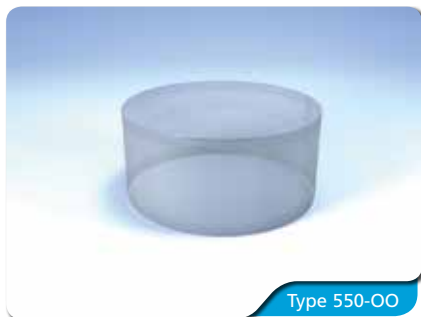


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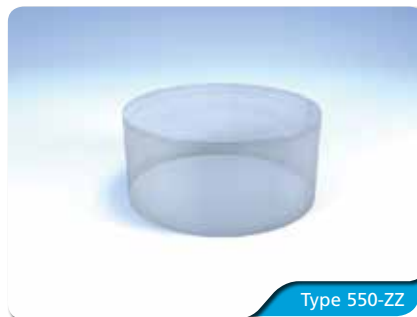


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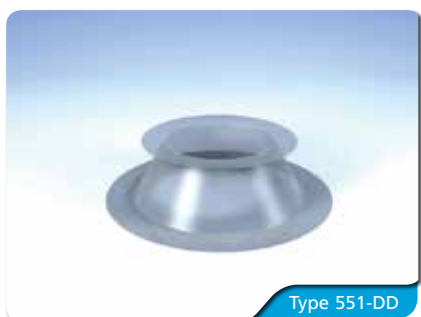
CUSTOM MADE PRODUCTION



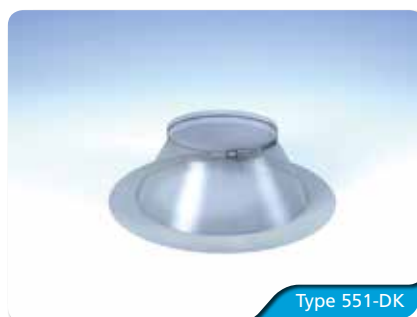
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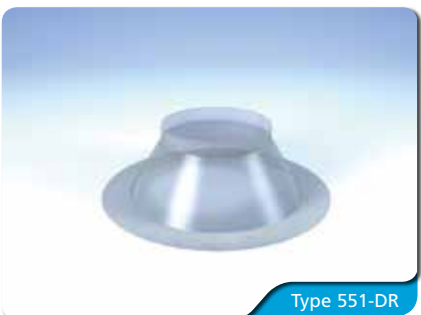
Type 550-ZZ



Type 551-DD



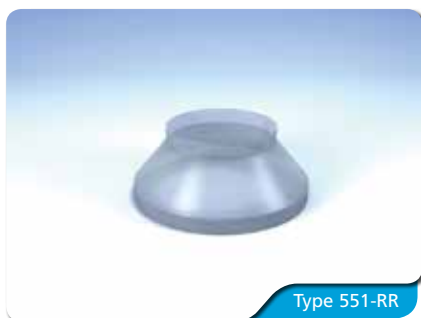
Type 551-DK



Type 551-DR



Type 551-KK



Type 551-RR



Seamless mandrel wrapped rubber offers the advantage of a smooth inside surface without a glued or vulcanised seam. Hoses are available in a number of standardized diameters, seamless on a roll.



ATEX



FDA/ECC



CIP



Weighflex



Hygienic
design



Pharma



Abrasive



HOT



Chemical



Detectable



Because every application requires its own material properties, we offer Seamless Rubber in various rubber types.

Many pipe diameters are standardized, which means that custom work is not always necessary. Seamless Rubber can be cut to the desired length. It is easy to store on rolls with a maximum of 10 meters.

Mechanics can take Seamless Rubber with them on a roll and cut what they require; also ideal for test set-ups.



SEAMLESS RUBBER HOSE

Diameters

50,8 mm	2 Inch	203,2 mm	8 Inch
63,5 mm	2,5 Inch	219 mm	8,62 Inch
76,2 mm	3 Inch	228,6 mm	9 Inch
101,6 mm	4 Inch	254 mm	10 Inch
114,3 mm	4,5 Inch	273 mm	10,75 Inch
127 mm	5 Inch	304,8 mm	12 Inch
152,4 mm	6 Inch	355,6 mm	14 Inch
168,1 mm	6,62 Inch	406,4 mm	16 Inch
177,8 mm	7 Inch		

Materials specifications

	Available thicknesses	Colour	Tags	Temperature	Miscellaneous
Natural gum rubber	1,6 / 3,2 / 4,8 mm	White/creme	FDA, Abrasive, Weighflex	-25°C to +80°C	very elastic 45° shore A
Nitrile rubber	1,6 / 3,2 / 4,8 mm	White	FDA, Abrasive, CIP	135°C	Oil and greas resistant
Neoprene rubber	1,6 / 3,2 / 4,8 mm	White	FDA, Abrasive	100°C	Oil and greas resistant
EPDM rubber	1,6 / 3,2 / 4,8 mm	White	FDA, HOT, Chemic resistant	140°C	Acid and wheather
Silicone rubber	2,0 / 3,0 / 4,0 mm	Translucent/ transparent	FDA, CIP, HOT, Pharma, Chemic	-50°C to +260°C	Fluid, Lie and Acid cleaning



POLY URETHANE HOSE ON ROLL

Poly Urethane is strong, durable, wear-resistant and transparent. Available in any desired Diameter and length on roll.



ATEX



FDA/ECC



CIP



Weighflex



Hygienic
design



Pharma



Abrasive



HOT



Chemical



Detectable



The fact that Poly Urethane is transparent enables you to see what flows through the flexible connection. Any blockage or foreign product passing through the flexible connection is recognised immediately.

Any diameter can be custom made. You can cut PU on roll to the desired length. It is easy to store on rolls of a maximum of 15 meters

Mechanics can take PU Hose with them on a roll and cut off what they require. Also ideal for test set-ups.

www.filcoflex.com

**Flexible
connections**



POLY URETHANE HOSE ON ROLL

Advantages

• Airtight
• Dusttight
• Very flexible
• Abresion resistant
• High tear resistance
• Oil and greas resistant
• Easy to clean
• Visualy inspectable
<ul style="list-style-type: none"> • Food contact safety certified <ul style="list-style-type: none"> - FDA - EU 1935/2004 - EU 10/2011
• Suitable for ATEX enviroments

**Migration Test Reports Available*

Material specifications

Material	Poly Urtehane (PU)
Colour	Transparent
Temperture resistance	-40°C to +90°C
Hardness	87° shore A
Thicknes	1mm
Elongation tear resistance	600%

CERTIFIED



EU 10/2011



EU 1935/2004



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**Flexible
connections**

Seamless Step bellows are for the flexible connection of mixers, feeders or vessels on weighing cells to supply lines, drain pipes or other forms of air transport or powder transport with 2 different dimension tubing.



ATEX



FDA/ECC



CIP



Weighflex



Hygienic design



Pharma



Abrasive



HOT



Chemical



Detectable



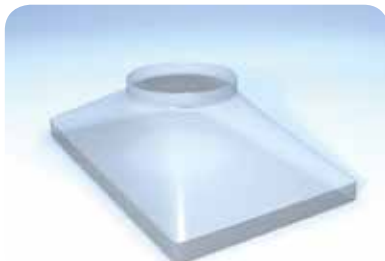
When connecting 2 tubes with different dimensions there often is a requirement for a flexible connection in a reducer or tapered shape

Conical- and Step Bellows are now available in many shapes and sizes.
These bellows have no seams, which makes these more hygienic

Flexible connectors with 2 different diameters are more flexible than cylindrical sleeves.
This makes them ideal for weighing or dosing equipment
Step bellows and conical reducers are available in several materials, such as Silicone and Poly Urethane and even flexible PVC



STEP BELLOWS



Advantages

•	Air-tight
•	Dust-tight
•	Easy to clean
•	Low adjustment force and extremely flexible
•	Food contact safety
•	Dimensions custom made
•	Hygienically designed



CERTIFIED



EU 10/2011



EU 1935/2004



Material specifications

Material	Silicone rubber	Poly Urethane
Color	Translucent	Translucent
Temperatur range	-40°C tot +200°C	40° tot +90°C
Levensmiddelen contact toegelaten	Declaration: • FDA 177.2600	Certificate: • FDA 177.2600 • EU 1935/2004 • EU 10/2011

**Other materials available on request*



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Flexible connections

Weighing bellows are for the flexible connection of mixers, feeders or vessels on weighing cells to supply lines, drain pipes or other forms of air transport or powder transport. These conical weighing bellows have an asymmetrical hygienic design.



ATEX



FDA/ECC



CIP



Weighflex



Hygienic design



Pharma



Abrasive



HOT



Chemical



Detectable



Silicones are well known for their supple and flexible properties. These flexible connections produce little to no reactive force and therefore do not influence the weighing. The bellows also prevent the transfer of vibrations and sound. This is all due to the specially designed shape of these flexible silicone weighing bellows.

A lip has been cast on the bottom connecting sleeve that covers the end face of the stainless steel tube for a better flow profile. This prevents powders to collect in crevices. These bellows have a conical asymmetrical design, the bottom angle of 60° prevents powder collection or blockage. No powders can remain behind, which is possible with the conventional spherical bellows. These bellows are suitable for contact with foodstuffs.



WEIGHING BELLOWS CONICAL SILICONES

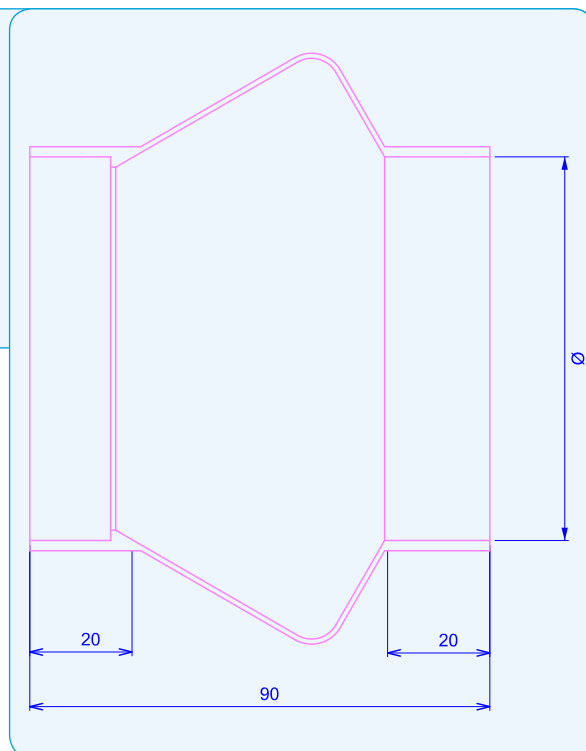
Diameters

50 mm	2 Inch
75 mm	3 Inch
100 mm	4 Inch
150 mm	6 Inch
250 mm	10 Inch

other sizes available upon request

Advantages

• Air-tight
• Dust-tight
• Easy to clean
• Low adjustment force and extremely flexible
• Permitted for use with foodstuffs in accordance with FDA 177.2600
• Large tolerance within the DN sizes
• Hygienic design.



Material specifications

Material	Silicone
Colour	Transparent
Temperature range	-40°C to +200°C



Weighing bellows are for the flexible connection of mixers, feeders or vessels on weighing cells to supply lines, drain pipes or other forms of air transport or powder transport.



ATEX



FDA/ECC



CIP



Weighflex



Hygienic design



Pharma



Abrasive



HOT



Chemical



Detectable



Silicones are well known for the supple and flexible properties. These flexible connections produce little to no reactive force and therefore do not influence the weighing. The bellows also prevent the transfer of vibrations and sound. This is all due to the specially designed shape of these flexible silicone weighing bellows.



SILICONE WEIGHING BELLOWS

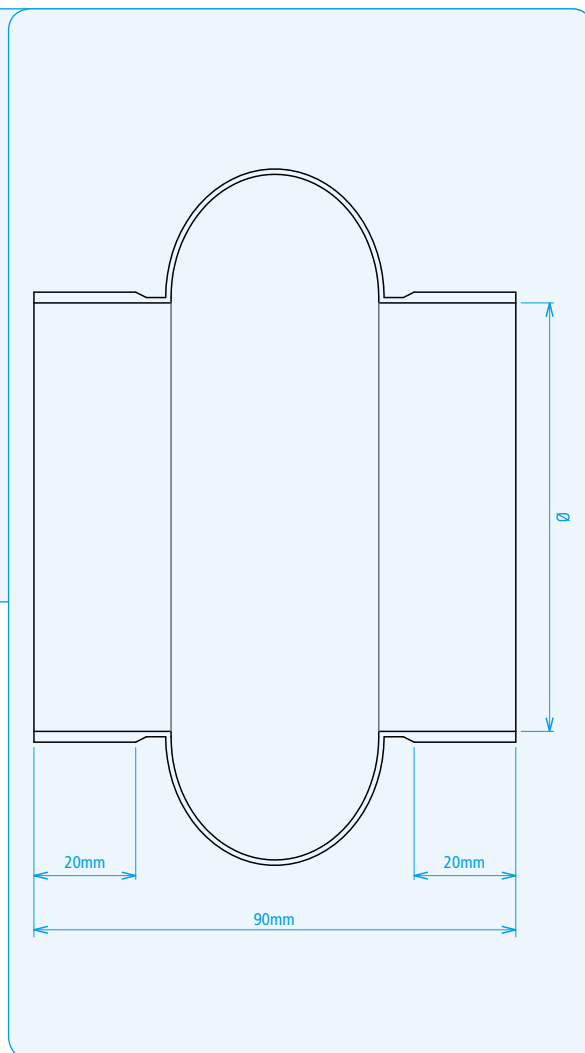
Diameters

50 mm *	2 Inch
60 mm *	2,5 Inch
75 mm	3 Inch
100 mm	4 Inch
114 mm *	4,5 Inch
140 mm *	5,5 Inch
150 mm	6 Inch
200 mm	8 Inch
250 mm	10 Inch
300 mm *	12 Inch
350 mm *	14 Inch

* color: transparent

Advantages

• Air-tight
• Dust-tight
• Easy to clean
• Low adjustment force and extremely flexible
• Permitted for use with foodstuffs in accordance with FDA 177.2600
• Large tolerance within the DN sizes



Material specifications

Material	Silicone rubber
Colour	Milk white/transparent
Temperature range	-40°C to +200°C



Weighing bellows are for the flexible connection of mixers, feeders or vessels on weighing cells to supply lines, drain pipes or other forms of air transport or powder transport. These anti-static weighing bellows are suitable for ATEX zones.



ATEX

FDA/ECC

CIP

Weighflex

Hygienic design

Pharma

Abrasive

HOT

Chemical

Detectable



Silicones are well known for the supple and flexible properties. These flexible connections produce little to no reactive force and therefore do not influence the weighing. The bellows also prevent the transfer of vibrations and sound. This is all due to the specially designed shape of these flexible silicone weighing bellows.

Added carbon particles make these bellows extremely suitable for applications in which an electrostatic conduction is required, for situations involving ATEX requirements. These bellows are suitable for contact with foodstuffs.



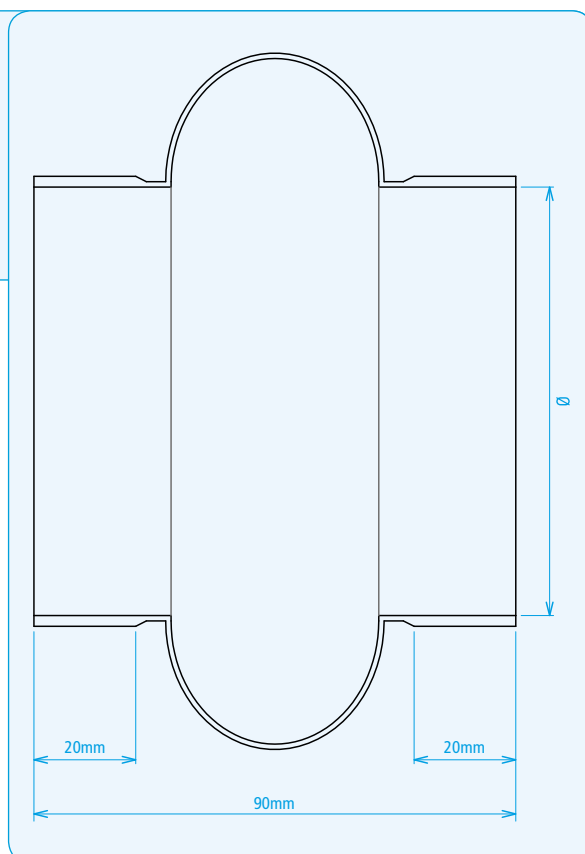
SILICONE WEIGHING BELLOWS ANTI-STATIC

Diameters

60 mm	2,5 Inch
75 mm	3 Inch
100 mm	4 Inch
150 mm	6 Inch
200 mm	8 Inch

Advantages

• Anti-static
• Air-tight
• Dust-tight
• Easy to clean
• Low adjustment force and flexible
• Large tolerance within the DN sizes

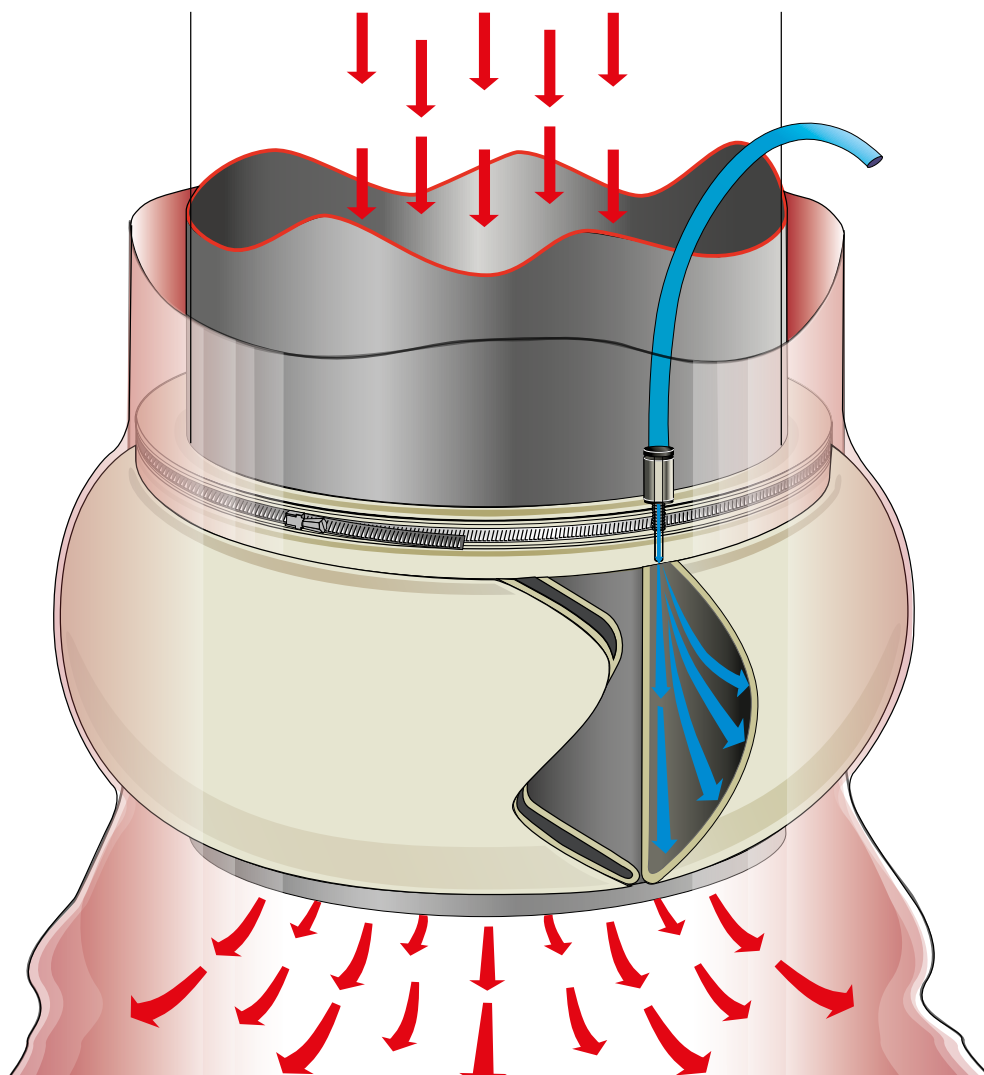


Material specifications

Material	Silicone rubber
Colour	Black
Temperature range	-40°C to +200°C



With this inflatable bag clamp, a Big-Bag or bag is easy to fill, convenient to use and the work environment remains dust-free.



ATEX



FDA/ECC



CIP



Weighflex



Hygienic design



Pharma



Abrasive



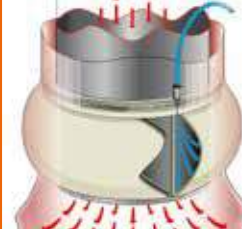
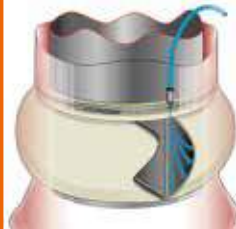
HOT



Chemical



Detectable





BAG CLAMP

The inflatable bag clamps are custom-made in all pipe diameters, bag diameters and different lengths. Bag clamps can be fitted with 1 or more pneumatic fittings, with a choice of 2 types:

- Ø6mm Quick-connector fitting for PA hose
- 1/8" Fitting with an exterior screw thread

They are also available in various material types for various applications

Advantages

Nieuw	Oud
Fast and simple changes	Changing bag clamps is time consuming
No more tools required	Bags are damaged easily
Less chance of damage	Use of tools
Air and dust-tight connection	Dust and dirt through poor seal
Cleaner work environment	Dirty work environment

Material options

	kleur	tags	Temperatuur
Natural Gum Rubber	White	FDA, Abrasive	80°C
Natural Gum Rubber	Black	FDA, Cip, Abrasive	80°C
EPDM	Black	ATEX	-40 / +100°C
Neoprene	Black	CIP	80°C
Silicones	Translucent	FDA, Chemical, Pharma, HOT	210°C
Viton	Black	CIP, Abrasive, Hot, Chemical	-20 / +220°C
Poly Urethane	Transparent	FDA/ECC, CIP, Abrasive	90°C



In order to be able to connect every flexible sleeve in a robust and sound manner we have a wide range of clamping straps and hose clamps in our selection.



Hoseclip 9 mm stainless steel

- 9mm stainless steel hose clamp.
- 25mm wide polished stainless steel clamp.

A hose clamp can be composed using multiple sections in order to obtain a larger adjustment range. Each section has an adjustment range of 15mm Ø

- 1 section
- 2 section
- 3 section
- 4 section

There is a choice of locking styles that you can combine as you wish.



Hoseclamp 25mm IP

2 bolts options.

I = Allenkey
T = T-Bolt

3 different styles of lock with brass bushes.

P = closed fixed adjustment
C = quick lock with open fixed hook*
G = quick lock with closed hinge/ secured hook (that cannot jump out of position)*

*C and G are always with T-Bolt

ATEX



FDA/ECC



CIP



Weighflex



Hygienic design



Pharma



Abrasive



HOT



Chemical

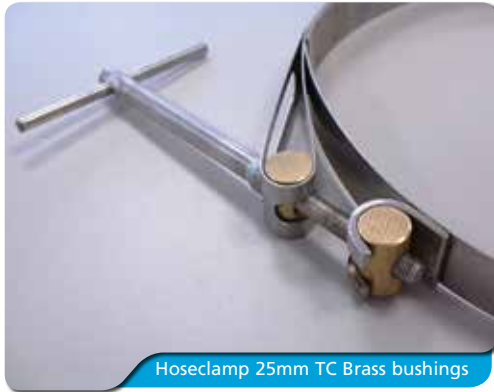


Detectable



HOSE CLAMPS

There is a maximum of one quick lock. The other connections are fixed adjustable locks, with the choice of Allen key bolts or T-Bolts.



Hoseclamp 25mm TC Brass bushings



Hoseclamp 25mm TG

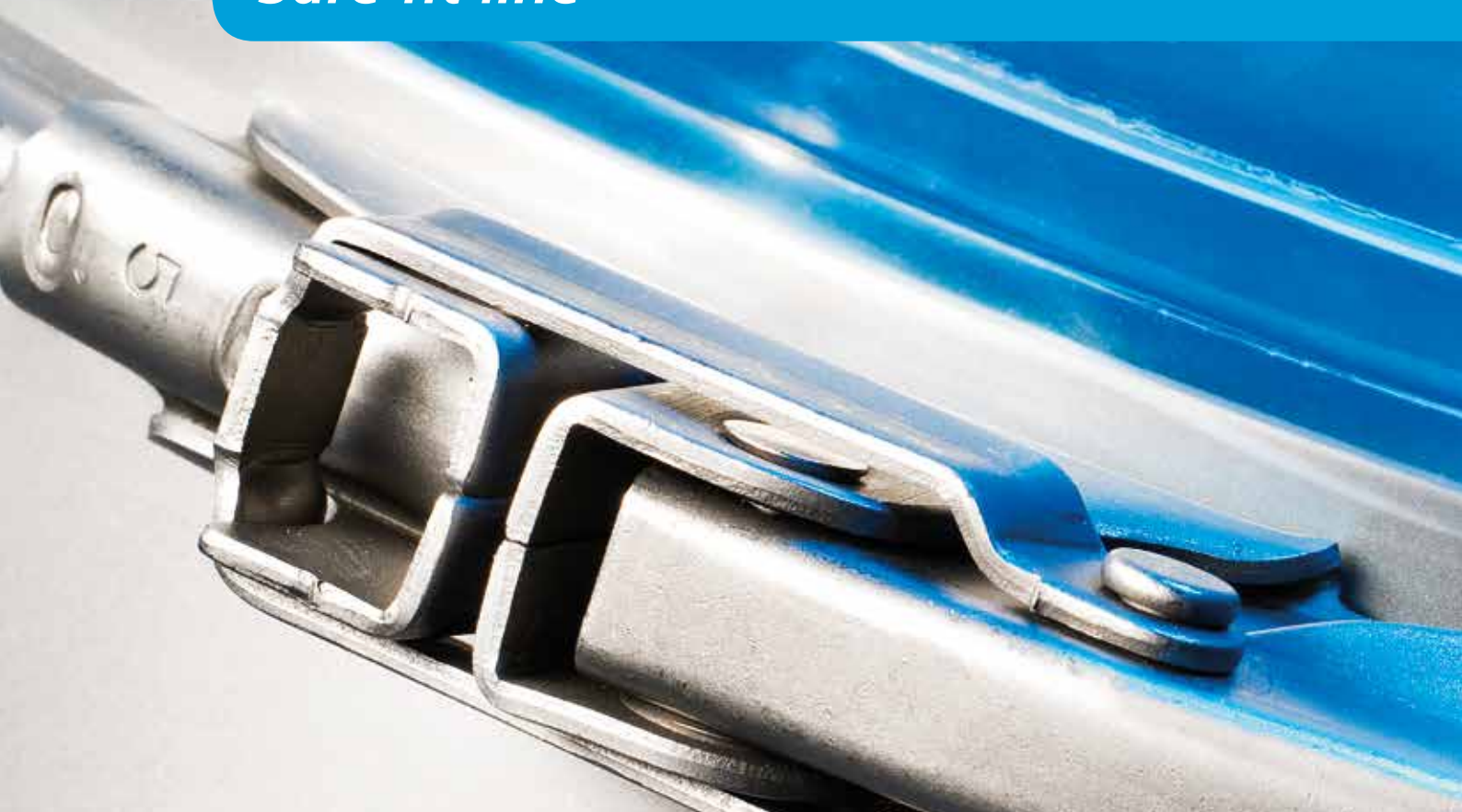


Hoseclamp 25mm TC SS304 Bushings





Sure fit line



Why is the Sure fit line a sure fit?

We provide certainty that the fit will seal effectively.

Surefit line is an extension of the customised flexible connection range. Surefit line is distinguished by its coupling, which may be: Triclamp, Jacob, Steri valve, hygienic screwed pipe connection or permanently welded DIN flanges.

The flexible connections are **air-tight, dust-tight, leak free**, and the small number of corners and edges make the flexible connection **hygienic** and easier to clean **CIP**.

The replacement or fitting of the flexible connection is easier and faster due to the correct shape and the action of the clamping rings. You can also select tool-release or Bolt-connect clamp rings.

This **limits the risks, lengthens the life span** and **simplifies assembly**.

In conversion or new construction projects it is simple to work with standard sizes. This means that a limited number of diameters and build-in heights reduce the risk of incorrect installation. The fact that the range of different sizes is smaller, means that your **stock can also be reduced**.

ATEX standards can be achieved, because the flexible connections are **explosion-resistant** in combination with the temperature that this releases.

The **explosion tests** are executed by an **expert test centre** under the supervision of an ATEX advisor. Please contact us for more information.

There are also flexible connections available of an **anti-static or Static dissipative material**. This material does not accumulate an electrostatic charge. This means that there is no risk of discharge and no **ignition sources** can be created.

Non anti-static materials also offer enough resistance, so that a spark of **30 kV Volt** cannot penetrate the material. Test reports of this are also available.

Safe to use for Powder or Gas Products with an ignition value higher than **1mJ**

The sure fit line **prevents fire**. There are no more powder leaks and therefore no accumulations of powder that can ignite.

Filcoflex has 2 types of Poly Urethane Films that are certified to use in contact with food according to European **EU 1935/2004** and **EU 10/2011**, and **FDA** regulations. **Migration Testing reports** available on request









SITUATION OLD/NEW



From old

- Product build-up between connection and tube
- Difficult to clean
- Looks untidy
- Dirty working environment due to leakage

to...

Hygiene

- Poor seal
- Difficult to install
- Does not always fit properly
- Risk of damage or injury due to the use of screwdrivers

Assembly

- Difficult to determine the correct size
- Many different sizes, so no standard
- Difficult to measure for replacement orders

Sizes & Measurements

- Upon differences in pressure or when starting up installations, hose clamps can be knocked loose
- Product leakage due to poor installation

Pressure & Explosions

new

- No crevices in which product or dirt can built-up
- Easy to clean
- Very suitable for CIP cleaning
- No leakage, therefore a clean working environment

- Always fits properly
- Air- and powder tight
- Easy to assemble without tools
- Longer life due to good assembly

- Standard diameters, so limited stock is needed
- Easy to measure for replacement orders
- Standard article codes

- Constant pressure resistance from -0,2 Bar to +0,3 Bar
- Explosion pressure resistance until +1,5 Bar
- Safe to use for Powder or Gas Products with an ignition value higher than 1mJ



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Sure fit line

FSC is a flexible connector fitted with a quick-action coupling. Welding stainless steel flanges in the flexible connection makes the entire connection airtight and gives it a smooth flow profile. The connector also serves as a seal without the use of a gasket ring. There are many application options that include special options for weighing and dosing techniques, Atex, foodstuffs, chemical and detection.



ATEX



FDA/ECC



CIP



Weighflex



Hygienic design



Pharma



Abrasive



HOT



Chemical



Detectable



The flanges are available in stainless steel 304(1.4301) and stainless steel 316 (1.4571).

These are based on standard pipe systems from:

- Jacob
- KMH
- Noro
- S&W

FSC is available in various diameters. Information on this can be found in the table "available diameters" on the accessories page. Welding or stitching the stainless steel flanges into the flexible connector means that the FSC can be made in various flexible material types. You can also find more details on this in the technical specifications.



FSC

The quick-connect coupling is extremely easy to fit. Pressure-resistance and the correct fitting are guaranteed by the use of clamping rings. The flexible connector seals without the use of a separate gasket ring. This reduces the risk of losing parts.



The flanges are 15 mm high and 2 mm thick stainless steel 304 (1.4301) as standard. The minimum recommended length is 70mm. There is no maximum length.

However, there is a possibility to create the absolute shortest build-in height of 40 mm with a minor alteration. This is an exception. There are always possibilities for other special versions and other metals.

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Sure fit line

FDM is a flexible connector fitted with a quick-action coupling. Pressing metal flanges onto the flexible connection makes the entire connection airtight and gives it a smooth flow profile. There are many application options; including special applications for weighing and dosing techniques, ATEX, foodstuffs, chemical and detection.



ATEX



FDA/ECC



CIP



Weighflex



Hygienic design



Pharma



Abrasive



HOT



Chemical



Detectable



The flanges are available in stainless steel 304(1.4301) and stainless steel 316(1.4571).

These are based on standard pipe systems from:

- Jacob
- KMH
- Noro
- S&W

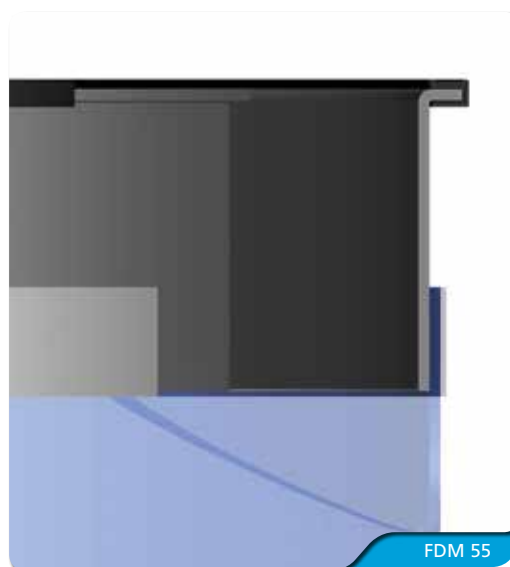
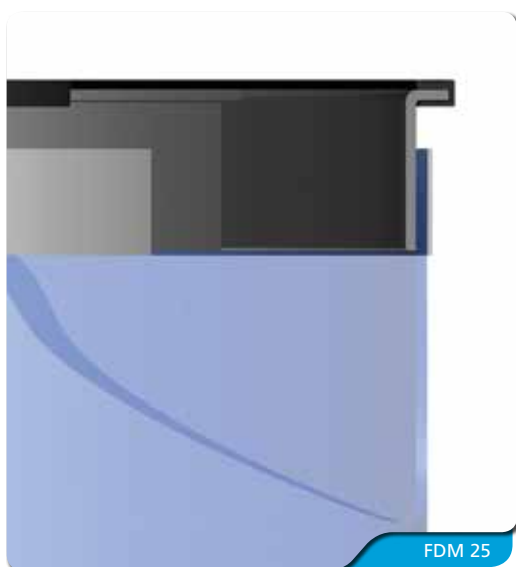
FDM is available in various diameters. Information on this can be found in the table "available diameters" on the accessories page

Pressing the flanges onto the flexible connector means that there is a greater possibility for the use of various flexible material types. You can also find more details on this in the technical specifications.



FDM

The quick-connect coupling is extremely easy to fit. Pressure-resistance and the correct fitting are guaranteed by the use of clamping rings. The flexible connector uses a gasket ring.



The fixed pressed flanges are 55 mm high and 2 mm thick stainless steel (1.4301) as standard. The flanges are also available in a height of 25 mm. This enables us to achieve the shortest build-in length of 100 mm. The flexible connector is more flexible in longer build-in lengths. There is no maximum length. There are always options for other special versions and metals.

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Sure fit line

LFR is a flexible connection equipped with a Tri-clamp coupling. Pressing stainless steel 316(1.4571) ferrules onto the flexible connection makes the entire connection airtight and gives it a smooth flow profile. There are many application options, including specific options for weighing and dosing techniques, Atex, foodstuffs, chemical and detection.



ATEX



FDA/ECC



CIP



Weighflex



Hygienic design



Pharma



Abrasive



HOT



Chemical



Detectable



All standard Tri-clamp stainless steel 316 (1.4571) sizes are possible from Ø 56mm to Ø 350mm

- DIN
- ISO
- BS (British Standard)
- ASME BPE

Other standards or custom made flanges.

Combinations with other Tri-clamp sizes are available upon request.

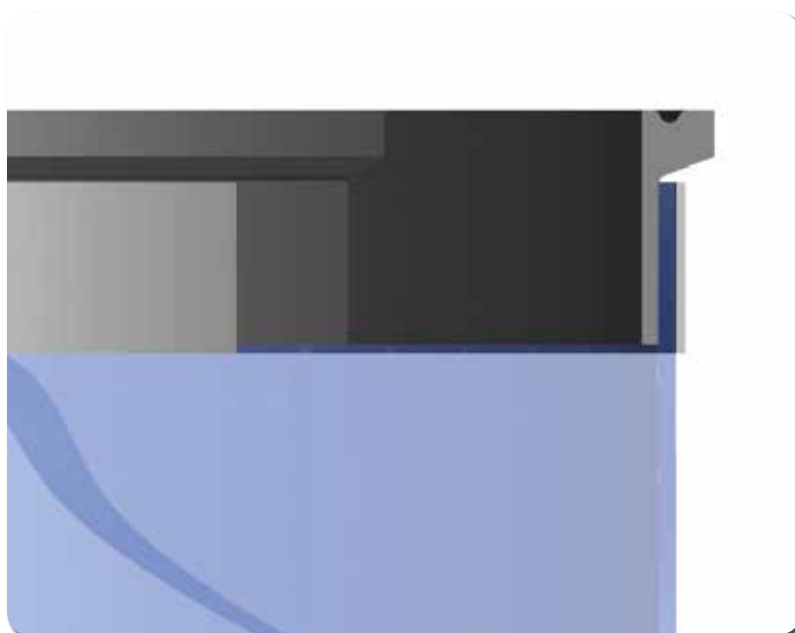
Pressing the stainless steel flanges together creates the possibility to use a wide range of flexible materials. Flexible connections can also be supplied in various material types.

These are specified in the technical specifications.



LFR

The quick-connector is extremely simple to fit. Pressure-resistance and the correct assembly are guaranteed with the use of robust Tri-clamps. This connection uses a PTFE seal. The rigidity of the material ensures that it cannot fall into the pipe when replacements are fitted. The seal is also available in other materials. There is a possibility to supply tool release clamp rings.



The pressed flanges are 28 mm high stainless steel 316 as standard. This means that the minimum recommended length is 100mm. There is no maximum length.

There are also possibilities for other special sizes and metals.

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Sure fit line



EXAMPLE PHOTOS





EXAMPLE PHOTOS





Quick Connect Clamping ring

Clamping ring with one quick-lock and one Allen key adjuster on the other side

Available in Ø 80 to Ø450

- Stainless steel 304 (1.4301)



Bolt Connect Tool release

Clamping ring with an Allenkey adjuster on both sides

Available in all Ø

- Stainless steel 304 (1.4301) (standard)
- Stainless steel 304 (1.4301) (for teflon gasket ring)



Adapter flange

Adapter flange to change existing pipes to the Jacob programme for conversion to the FSC / FDM flexible connectors

- Stainless steel 304 (1.4301)
- Stainless steel 316 (1.4571)
- Aluminum (ALMG 3)
- Mild steel
- Available in all Ø

Available lengths are – standard 15 mm and 55 mm

Other sizes on request.

Available diameters

60*	150	280	450
80	175	300	500 *
100	200	315	560 *
120	224	350	600 *
140	250	400	630 *

* Not available as QC

ACCESSORIES



Gasket ring

Gasket sealing ring for Jacob coupling and FDM flexible connectors
(not applicable for FSC)
Available in all Ø

Spareparts

Temperature		Material	Color	FDA	EU 1935/2004
- °C	+ °C				
-30	100	Perbunan (PRB) natural gum rubber	grey	✓	
-60	250	EPDM anti-static	black	✓	
-30	120	Silicone (SI)	white	✓	✓
-15	120	Viton (VI)	red		
-40	250	Teflon	white	✓	
-40	250	Teflon anti-static	black		



QC-BC earthing bridge

An earthing bridge that can be fitted to a clamping ring, QC or BC type.
Creates an earth connection between 2 pipes.

The gasket ring or flexible connection creates insulation.
The bridge can be supplied with antistatic rubber caps to prevent damage and scratching of the tubing.





Adapters, lids and covers



Conical adapter



QC tool release



Inner cone



QC with handle

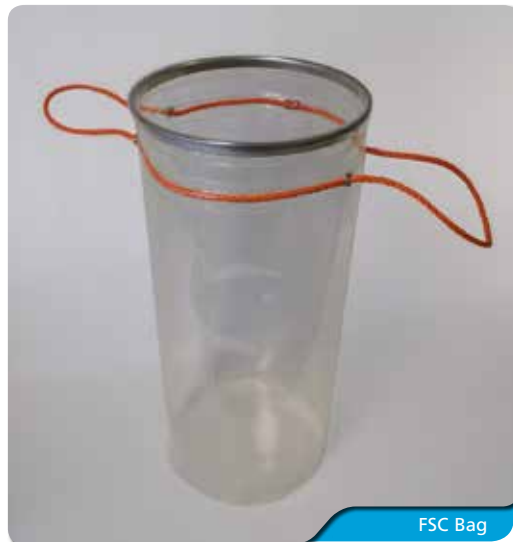


Tube

ACCESSORIES SPECIAL



FSC endcap



FSC Bag



Conical
Adapter flange



Flexible connector
with earthing wire







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