

Flexible connectors Sifter accessories



// Cleaning balls

Some sifter manufacturers, among them **FUCHS** Maschinen AG, use cleaning balls for a continuous sieve mesh cleaning during the sifting process. These balls are available in various materials and diameters.


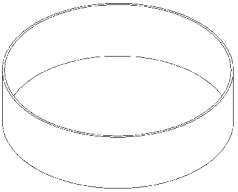
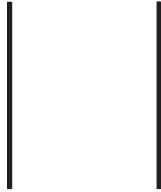

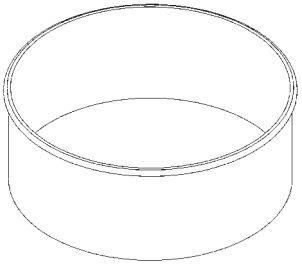
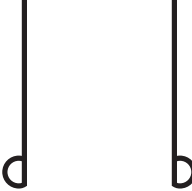

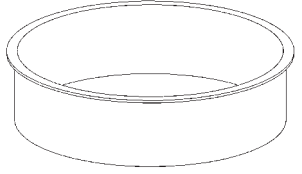
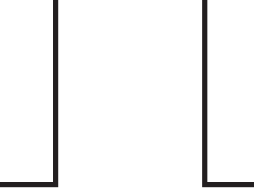

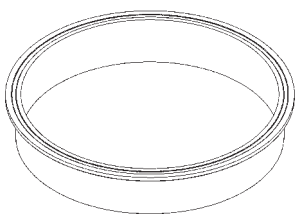
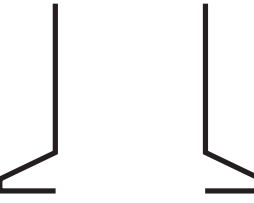

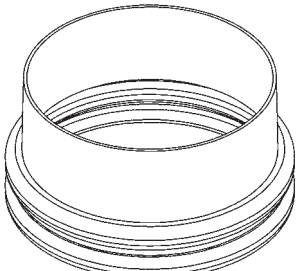
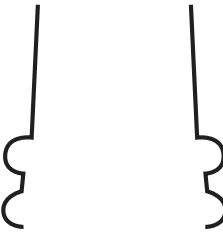


Material	Size [mm]	Art. number	Applications	Remarks
India rubber white	15	S-0-0243	<ul style="list-style-type: none"> · Food industry · Pharmaceutical industry 	<ul style="list-style-type: none"> · FDA approval · Best effect · Competitive pricing
	25	S-0-0232		
	28	S-0-0234		
	35	S-0-0235		
Silicon translucent	25	S-0-0239	<ul style="list-style-type: none"> · Food industry · Pharmaceutical industry · Chemical industry 	<ul style="list-style-type: none"> · FDA approval · Good chemical stability · High temperature resistance
	28	S-0-0236		
	35	S-0-0238		
Nitrile (NBR) pink	25	S-0-0230	<ul style="list-style-type: none"> · Food industry · Pharmaceutical industry · Chemical industry 	<ul style="list-style-type: none"> · FDA approval · Good oil and grease resistance · Good chemical stability
	28	S-0-0231		
	35	S-0-0233		
PU translucent	25	S-0-0240	<ul style="list-style-type: none"> · Food industry · Pharmaceutical industry · Chemical industry · Plastics industry 	<ul style="list-style-type: none"> · FDA approval · Out-standing resistance to wear · Long service life
	28	S-0-0237		
	35	S-0-0241		
PU, magnetic grey	15	S-0-0242	<ul style="list-style-type: none"> · Food industry · Pharmaceutical industry 	<ul style="list-style-type: none"> · FDA approval · Out-standing resistance to wear · Magnetic (abraded particles can be filtered by means of a magnetic separator)
	35	S-0-0245		

Other materials and diameters available on special request.
See page 19 for material table with technical features.

// Flexible connectors

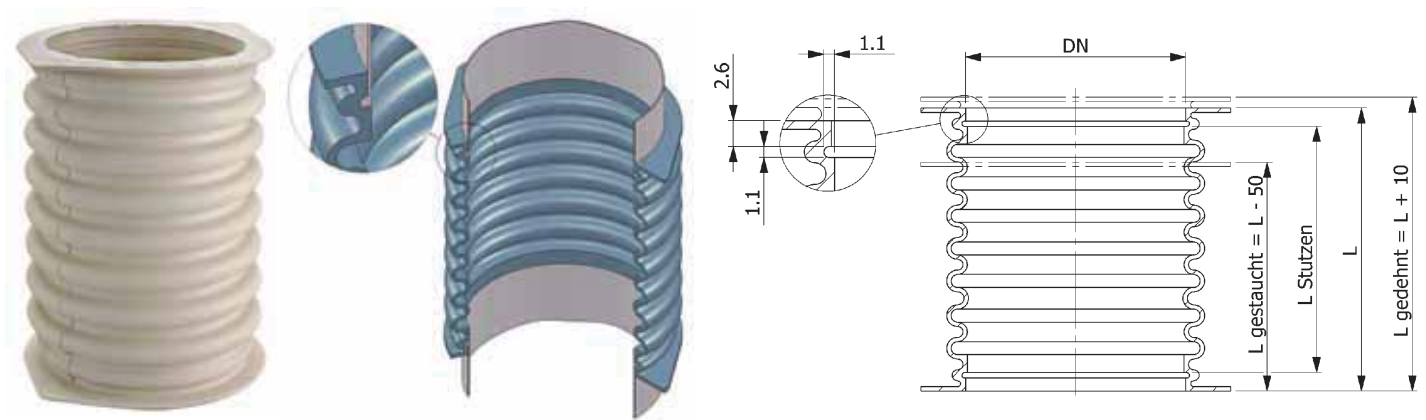
FUCHS Maschinen AG offers a wide and steadily growing range of flexible connectors for the most varied fields of application. In principle, it is possible to use our flexible connectors to handle all types of bulk materials. Flexible connectors are used with various connecting flanges specially mentioned in the present catalogue.

Flexible connector type	3D view	Contour view	Symbol
Straight			
FUCHS/Rotex			
Jacob			
TriClamp			
BFM standard			

// Corrugated sleeves (mould casting)

Suitable for: (see page 3)	
Required clamp: (see pages 17/18)	Not necessary

- Length: 280 mm (230 mm between flange extremities)
- Diameter: 100, 150, 200 and 250 mm
- Suitable for FUCHS and Rotex flanges
- Extremely easy mounting without tool

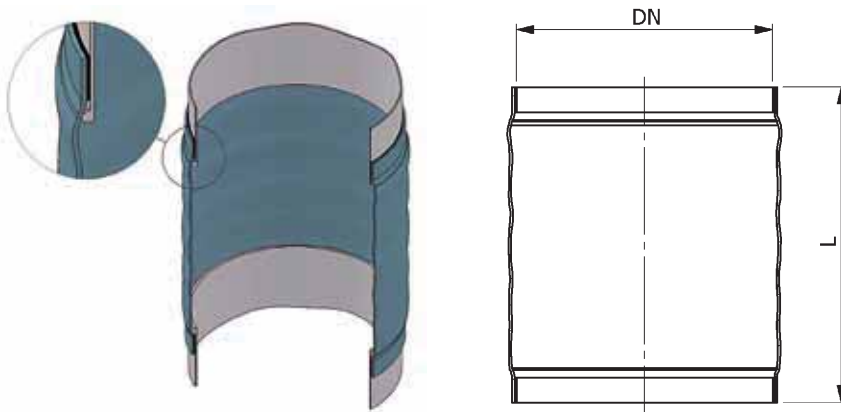


Material	Size	Art. number	Applications	Remarks
India rubber white	DN 100	S-0-0350	<ul style="list-style-type: none"> • Food industry • Pharmaceutical industry • Chemical industry • etc. 	<ul style="list-style-type: none"> • FDA approval • Competitive pricing • Good resistance to wear
	DN 150	S-0-0352		
	DN 200	S-0-0354		
	DN 250	S-0-0356		
Neoprene white	DN 100	S-0-0370	<ul style="list-style-type: none"> • Food industry • Pharmaceutical industry • Chemical industry • etc. 	<ul style="list-style-type: none"> • FDA approval • Good chemical stability
	DN 150	S-0-0372		
	DN 200	S-0-0374		
	DN 250	S-0-0376		
Silicon translucent	DN 100	S-0-0360	<ul style="list-style-type: none"> • Food industry • Pharmaceutical industry 	<ul style="list-style-type: none"> • FDA approval • High temperature resistance
	DN 150	S-0-0362		
	DN 200	S-0-0364		
	DN 250	S-0-0366		
EPDM white	DN 100	S-0-0310	<ul style="list-style-type: none"> • Chemical industry 	<ul style="list-style-type: none"> • FDA approval • Out-standing resistance to abrasion • Excellent tear resistance • Long service life
	DN 150	S-0-0312		
	DN 200	S-0-0314		
	DN 250	S-0-0316		

// Fabric sleeves (hose)

Suitable for: (see page 3)		
Required clamp: (see pages 17/18)		


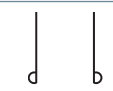

- Length: 250 mm
- Diameter: 100, 120, 150, 200, 250 and 300 mm
- High flexibility (ideal in case of important vibrations)
- Air-permeable (prevents from small, undesirable overpressures)



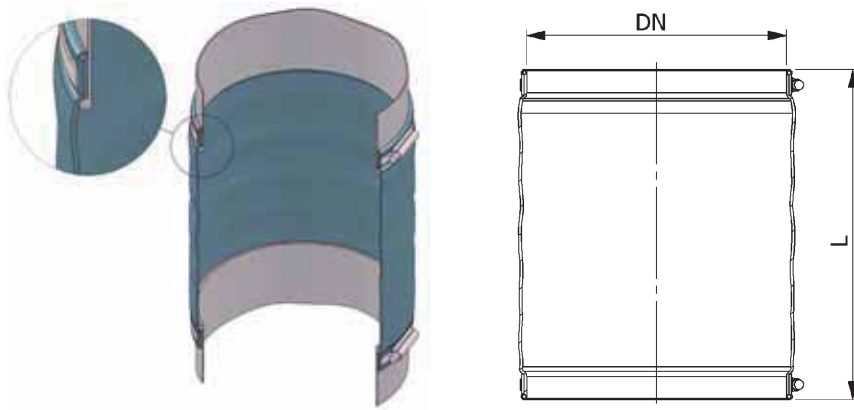
Material	Size	L [mm]	Art. number	Remarks
Polyester	DN 100	250	S-0-0329	<ul style="list-style-type: none"> · FDA approval · Highly flexible · Air-permeable
	DN 120	250	S-0-0330	
	DN 150	250	S-0-0332	
	DN 200	250	S-0-0334	
	DN 250	250	S-0-0336	
	DN 300	250	S-0-0338	
Rubber coated Nylon fabric	DN 100	280	S-0-0340	<ul style="list-style-type: none"> · FDA approval · Highly elastic · Long service life · Excellent wearing properties · Admissible temperature range: -18 to +93 °C
	DN 150	280	S-0-0342	
	DN 200	280	S-0-0344	
	DN 250	280	S-0-0346	
	DN 300	280	S-0-0348	
PTFE (Teflon) - fabric	DN 100	280	S-0-0100	<ul style="list-style-type: none"> · FDA approval · Excellent chemical stability · Excellent wearing properties · Admissible temperature range: -234 to +232 °C
	DN 150	280	S-0-0102	
	DN 200	280	S-0-0104	
	DN 250	280	S-0-0106	
	DN 300	280	S-0-0108	

These sleeves may also be made to order.

// Fabric sleeves for Ex areas (hose)

Suitable for: (see page 3)		
Required clamp: (see pages 17/18)		Not necessary




- Length: 250 mm
- Diameter: 100, 150, 200, 250 and 300 mm
- For the Ex area (ATEX zones 2/22, 1/21)
- FDA approval



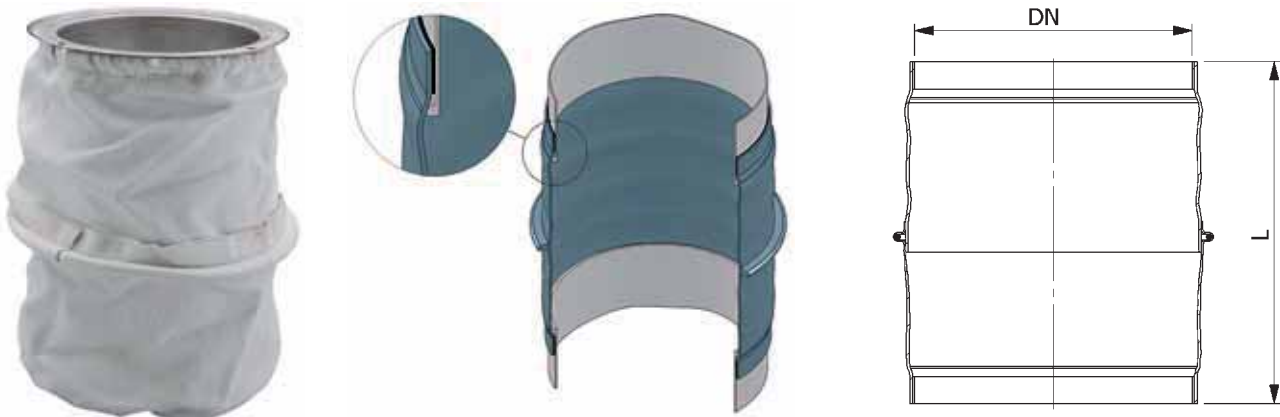
Material	Size	L [mm]	Art. number	Remarks
PU coated polyester fabric with electrically conductive yarns	DN 100	250	S-0-0840	<ul style="list-style-type: none"> · FDA approval · Electrically conductive (suitable for ATEX 2/22, 1/21) · Excellent wearing properties · Admissible temperatures: up to +70 °C
	DN 150	250	S-0-0842	
	DN 200	250	S-0-0844	
	DN 250	250	S-0-0846	
	DN 300	250	S-0-0848	
Rubber coated Nylon fabric	DN 100	250	S-0-0860	<ul style="list-style-type: none"> · FDA approval · Highly elastic · Long service life · Excellent wearing properties · Admissible temperature range: -18 to +93 °C
	DN 150	250	S-0-0862	
	DN 200	250	S-0-0864	
	DN 250	250	S-0-0866	
	DN 300	250	S-0-0868	

These sleeves may also be made to order.

// Fabric sleeves (hose spreading ring)

Suitable for: (see page 3)		
Required clamp: (see pages 17/18)		Not necessary

- Length: 250 mm
- Diameter: 100, 120, 150, 200, 250 and 300 mm
- FDA approval
- Fitted with a reinforcement ring in the middle of the hose for applications with small negative pressures
- With elastic seam for fast mounting without tool



Material	Size	L [mm]	Art. number	Remarks
Polyester	DN 100	250	S-0-1329	<ul style="list-style-type: none"> · FDA approval · Highly flexible · Air-permeable · Suitable for small negative pressures
	DN 120	250	S-0-1330	
	DN 150	250	S-0-1332	
	DN 200	250	S-0-1334	
	DN 250	250	S-0-1336	
	DN 300	250	S-0-1338	
Rubber coated Nylon fabric	DN 100	250	S-0-1340	<ul style="list-style-type: none"> · FDA approval · Highly elastic · Long service life · Excellent wearing properties · Admissible temperature range: -18 to +93 °C · Suitable for small negative pressures
	DN 150	250	S-0-1342	
	DN 200	250	S-0-1344	
	DN 250	250	S-0-1346	
	DN 300	250	S-0-1348	
PTFE (Teflon) - fabric	DN 100	250	S-0-1100	<ul style="list-style-type: none"> · FDA approval · Excellent chemical stability · Excellent wearing properties · Admissible temperature range: -234 to +232 °C · Suitable for small negative pressures
	DN 150	250	S-0-1102	
	DN 200	250	S-0-1104	
	DN 250	250	S-0-1106	
	DN 300	250	S-0-1108	

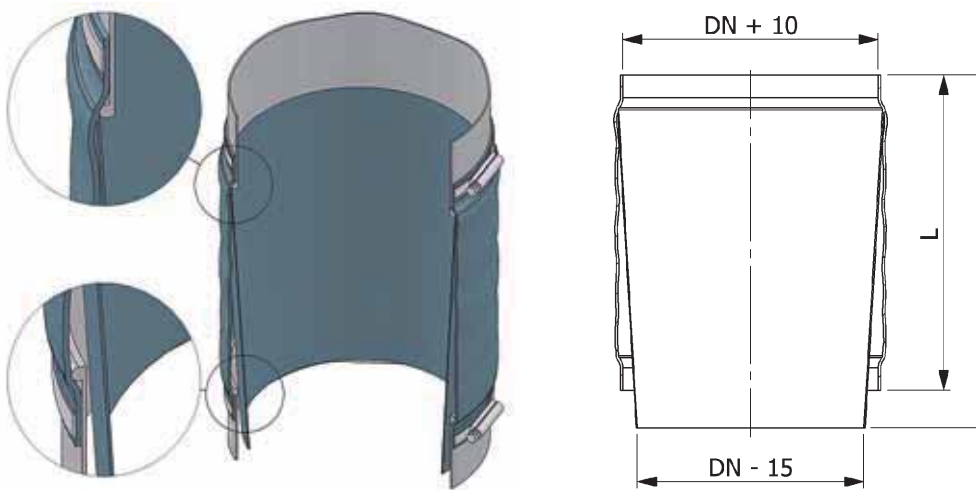
These sleeves may also be made to order.

// Fabric sleeves (sleeve-in-sleeve)

Suitable for: (see page 3)		
Required clamp: (see pages 17/18)		

- Length: 250 mm
- Diameter: 100, 120, 150, 200, 250 and 300 mm
- FDA approval
- The sleeve-in-sleeve accessory prevents the accumulation of material between the sleeve and the bottom flange, improves the sleeve flexibility and longevity

These sleeves may also be made to order – this even combining two different materials (Example: Polyester sleeve and Teflon or PU film).



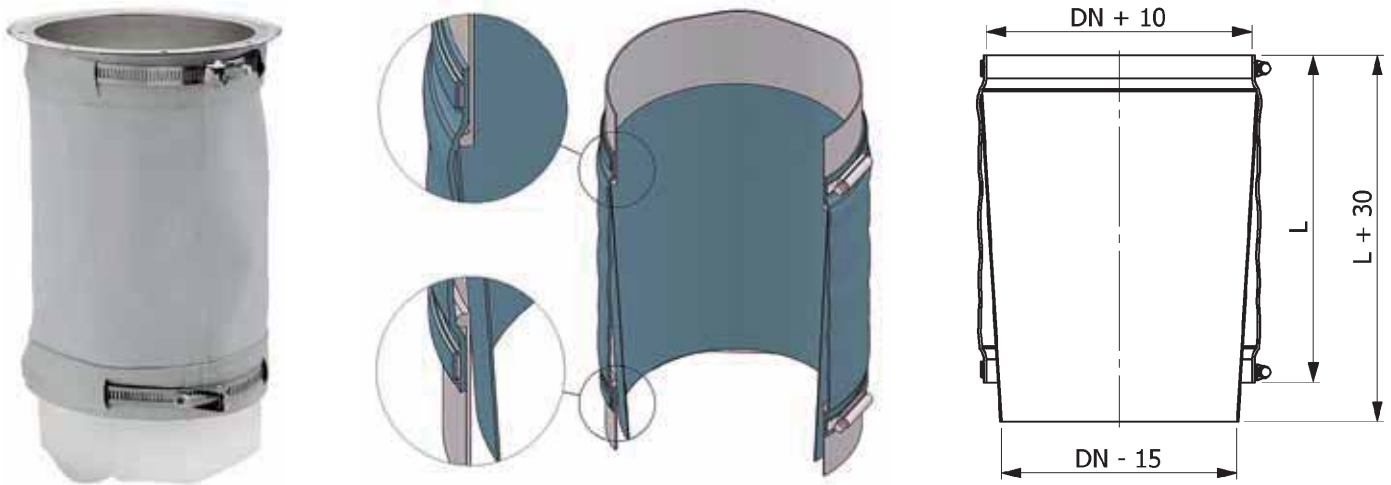
Material	Size	L [mm]	Art. number	Remarks
Polyester	DN 100	250	S-0-2329	<ul style="list-style-type: none"> · FDA approval · Highly flexible · Air-permeable
	DN 120	250	S-0-2330	
	DN 150	250	S-0-2332	
	DN 200	250	S-0-2334	
	DN 250	250	S-0-2336	
	DN 300	250	S-0-2338	
Rubber coated Nylon fabric Inner side made from PU film	DN 100	250	S-0-2340	<ul style="list-style-type: none"> · FDA approval · Highly elastic · Long service life · Excellent wearing properties · Admissible temperature range: -18 to +93 °C
	DN 150	250	S-0-2342	
	DN 200	250	S-0-2344	
	DN 250	250	S-0-2346	
	DN 300	250	S-0-2348	
PTFE (Teflon) - fabric	DN 100	250	S-0-2100	<ul style="list-style-type: none"> · FDA approval · Excellent chemical stability · Excellent wearing properties · Admissible temperature range: -234 to +232 °C
	DN 150	250	S-0-2102	
	DN 200	250	S-0-2104	
	DN 250	250	S-0-2106	
	DN 300	250	S-0-2108	

These sleeves may also be made to order.

// Fabric sleeves (sleeve-in-sleeve + sewn in screw clamp)

Suitable for: (see page 3)		 d b
Required clamp: (see pages 17/18)	Not necessary	Not necessary

- Length: 250 mm
- Diameter: 100, 150, 200, 250 and 300 mm
- FDA approval
- The sleeve-in-sleeve accessory prevents the accumulation of material between the sleeve and the bottom flange, improves the sleeve flexibility and longevity
- With additional sewn in screw clamp



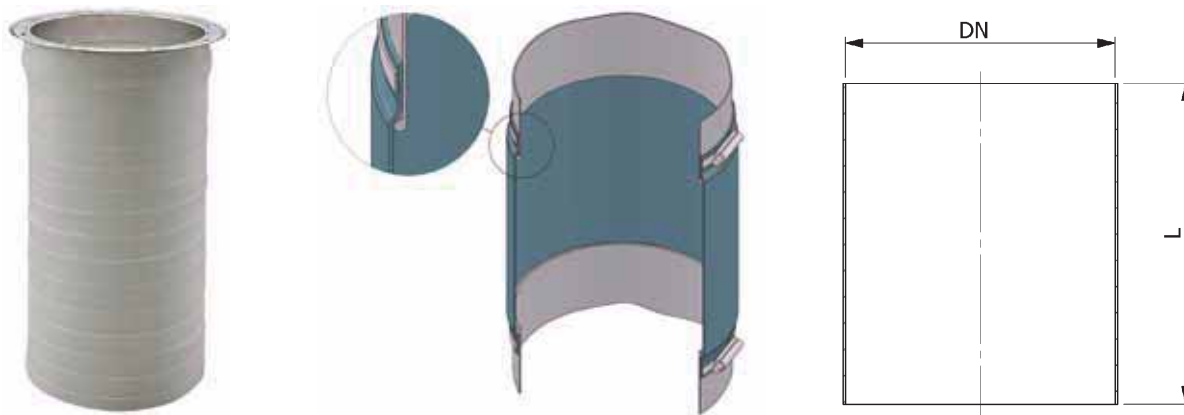
Material	Size	L [mm]	Art. number	Remarks
Sleeve: rubber coated Nylon fabric	DN 100	250	S-0-3340	<ul style="list-style-type: none"> · FDA approval · No stuff sack · Highly elastic · Long service life · Excellent wearing properties · Admissible temperature range: -18 to +93 °C
	DN 150	250	S-0-3342	
Sleeve-in-sleeve: PU film	DN 200	250	S-0-3344	
	DN 250	250	S-0-3346	
	DN 300	250	S-0-3348	

These sleeves may also be made to order.

// Film sleeves (universal sleeves)

Suitable for: (see page 3)		
Required clamp: (see pages 17/18)		 or 

- Seamless (except for PU 1,6 mm with welding seam) in lengths up to 15 m (can be cut to length by FUCHS or by the customer)
- Universal
- Competitive pricing

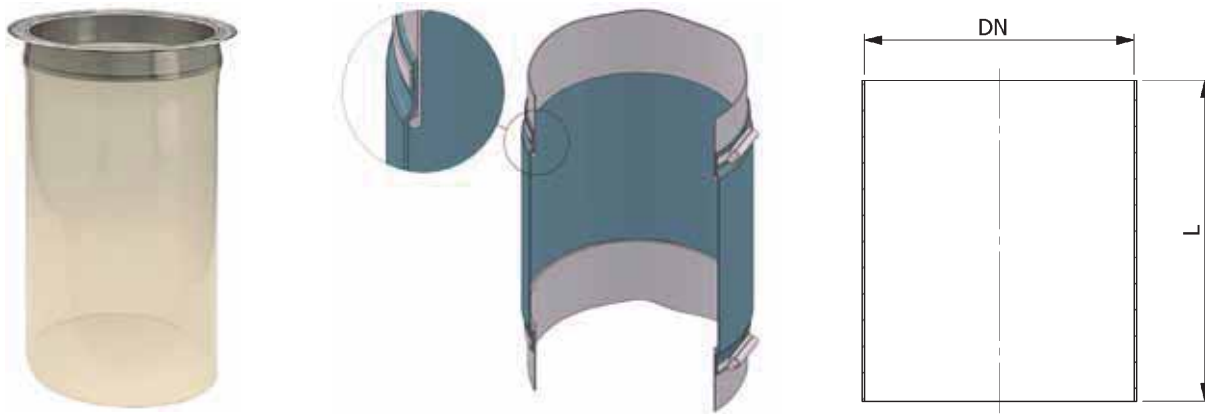


Material	Size	L [mm]	Art. number	Remarks
India rubber Wall thickness 1,6 mm	DN 100	< 15 m	S-0-4002	<ul style="list-style-type: none"> · FDA approval · Very resistant to abrasion · Admissible temperatures: up to +82 °C
	DN 150	< 15 m	S-0-4004	
	DN 200	< 15 m	S-0-4006	
	DN 250	< 15 m	S-0-4008	
	DN 300	< 15 m	S-0-4010	
PU hose Wall thickness 0,8 mm	DN 100	< 15 m	S-0-4022	<ul style="list-style-type: none"> · FDA approval · Very resistant to abrasion · Highly flexible · Admissible temperatures: up to +82 °C
	DN 150	< 15 m	S-0-4024	
	DN 200	< 15 m	S-0-4026	
	DN 250	< 15 m	S-0-4028	
	DN 300	< 15 m	S-0-4030	
PU hose Wall thickness 1,5 mm with welding seam	DN 100	< 15 m	S-0-4050	<ul style="list-style-type: none"> · FDA approval · Very resistant to abrasion · Admissible temperatures: up to +82 °C
	DN 150	< 15 m	S-0-4055	
	DN 200	< 15 m	S-0-4060	
	DN 250	< 15 m	S-0-4065	
	DN 300	< 15 m	S-0-4070	
Nitrile Wall thickness 1,6 mm	DN 100	< 15 m	S-0-4082	<ul style="list-style-type: none"> · FDA approval · Very resistant to abrasion · Very good oil and grease resistance · Admissible temperatures: up to +138 °C
	DN 150	< 15 m	S-0-4084	
	DN 200	< 15 m	S-0-4086	
	DN 250	< 15 m	S-0-4088	
	DN 300	< 15 m	S-0-4090	
Viton Wall thickness 1,6 mm	DN 100	< 15 m	S-0-4102	<ul style="list-style-type: none"> · FDA approval · Very good chemical stability · Admissible temperature range: -51 to +232 °C
	DN 150	< 15 m	S-0-4104	
	DN 200	< 15 m	S-0-4106	
	DN 250	< 15 m	S-0-4108	
	DN 300	< 15 m	S-0-4110	

// Film sleeves (hoses for Ex areas)



Suitable for: (see page 3)		
Required clamp: (see pages 17/18)		

- Seamless (may also be made to order, with welding seam)
- For Ex areas (electrical surface resistance < 1 GΩ)

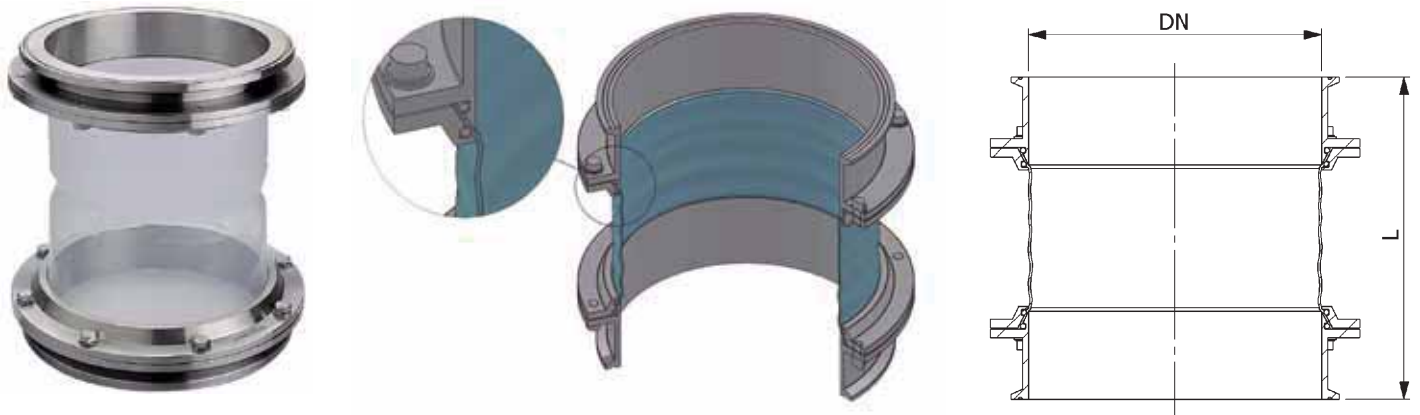


Material	Size	L [mm]	Art. number	Remarks
PU hose ATX 0,75 mm seamless	DN 100	< 15 m	S-0-4132	<ul style="list-style-type: none"> · FDA approval · Transparent · No static loading (suitable for Ex areas) · Very resistant to abrasion · Admissible temperature range: -17 to +82 °C
	DN 150	< 15 m	S-0-4134	
	DN 200	< 15 m	S-0-4136	
	DN 250	< 15 m	S-0-4138	
	DN 300	< 15 m	S-0-4140	
PU hose ATX 0,25 mm seamless	DN 100	< 15 m	S-0-4152	<ul style="list-style-type: none"> · FDA approval · Transparent · No static loading (suitable for Ex areas) · Very resistant to abrasion · Admissible temperature range: -17 to +82 °C
	DN 150	< 15 m	S-0-4154	
	DN 200	< 15 m	S-0-4156	
	DN 250	< 15 m	S-0-4158	
	DN 300	< 15 m	S-0-4160	

// Antiseptic flexible compensators


Suitable for: (see page 3)	
Required clamp: (see pages 17/18)	

- Combinable with fabric sleeves (see pages 5, 6, 10 and 11)
- Based on and combinable with TriClamp flanges (DIN 32676, ISO 2852, ISO 1127)
- Designed according to the GMP directives
- Compatible with most of the described hoses and fabric sleeves (by using a suitable hose also for Ex areas)
- Article numbers do not include the hose/fabric sleeve

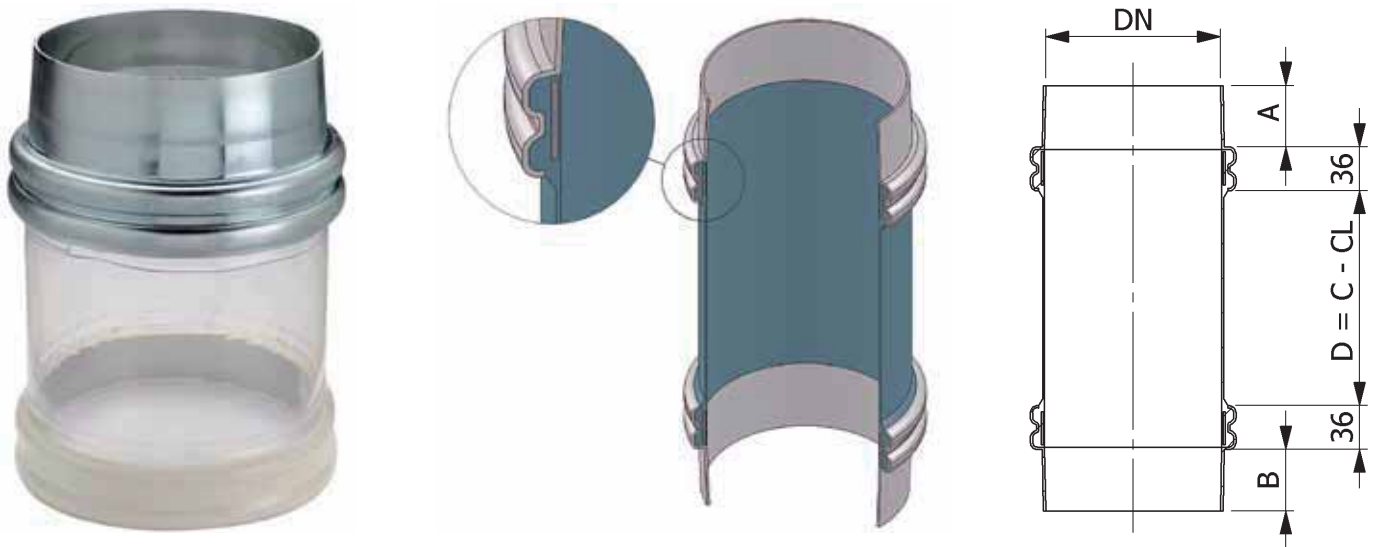


TriClamp	Size	Art. number	Remarks
DIN 32676	DN 100	S-0-4502	<ul style="list-style-type: none"> · FDA approval · ATEX approval · GMP-Design · Flexible sleeve part on demand
	DN 150	S-0-4504	
	DN 200	S-0-4506	
	DN 250	S-0-4508	
	DN 300	S-0-4510	
ISO 2852	DN 100	S-0-4522	<ul style="list-style-type: none"> · FDA approval · ATEX approval · GMP-Design · Flexible sleeve part on demand
	DN 150	S-0-4524	
	DN 200	S-0-4526	
	DN 250	S-0-4528	
	DN 300	S-0-4530	
ISO 1127	DN 100	S-0-4542	<ul style="list-style-type: none"> · FDA approval · ATEX approval · GMP-Design · Flexible sleeve part on demand
	DN 150	S-0-4544	
	DN 200	S-0-4546	
	DN 250	S-0-4548	
	DN 300	S-0-4550	

// BFM compensators

Suitable for: (see page 3)	
Required clamp: (see pages 17/18)	Not necessary

- Practical, removed and reassembled without tools
- Transparent
- No product deposits



Stainless steel sleeves 1.4301 (304)

BFM connection	Size	L [mm]	Art. number	Remarks
Consisting of two flanges 1.4301 (AISI 304) and a flexible connection made of transparent Urethane	DN 100	150	S-0-4602	<ul style="list-style-type: none"> · Transparent · Very resistant to abrasion · Simple assembly without tools
	DN 150	150	S-0-4604	
	DN 200	200	S-0-4606	
	DN 250	200	S-0-4608	
	DN 300	200	S-0-4610	

Acid resistant stainless steel sleeves 1.4404 (316L)

BFM connection	Size	L [mm]	Art. number	Remarks
Consisting of two flanges 1.4301 (AISI 304) and a flexible connection made of transparent Urethane	DN 100	150	S-0-4622	<ul style="list-style-type: none"> · Transparent · Very resistant to abrasion · Simple assembly without tools
	DN 150	150	S-0-4624	
	DN 200	200	S-0-4626	
	DN 250	200	S-0-4628	
	DN 300	200	S-0-4630	

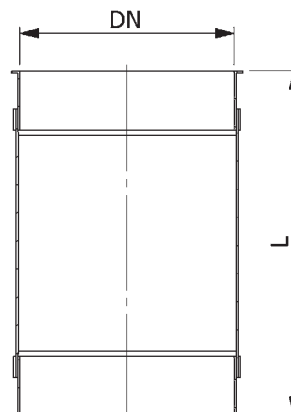
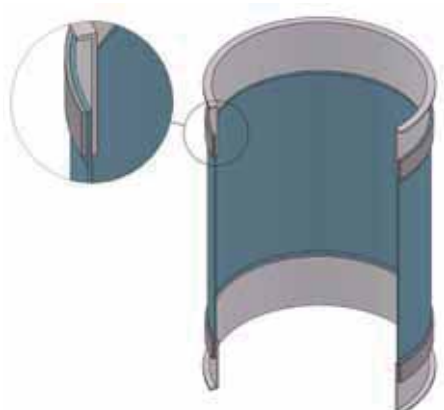
// Easy-clamp sleeves for JACOB flanges (type JG)

Suitable for: (see page 3)	
Required clamp: (see pages 17/18)	

- Exceptionally flexible connection with quick-action coupling suitable for JACOB pipe systems (KMH, Noro)
- Smooth flow profile
- Air tight
- Various other nominal sizes, lengths and materials are also available on request
- Standard flanges in 1.4301, but also in 1.4435 available

Standard delivery:

- Flexible part composed of 2 flanges type JACOB (DN: see table), h=55, thickness 2 mm, with pressed-in connection (material see table below) and 2 pressed rings, standard length between flange extremities: 200 mm (other lengths on special request)
- 2 U-shaped seals (DN according to table)
- JACOB Quick connect pull-rings to be ordered as an option



Material (sleeve)	Size (Jacob standard)	L [mm]	Art. number	Remarks
PU-U1 Wall thickness 1,0 mm	DN 60	200	S-0-5010	<ul style="list-style-type: none"> · FDA approval · Very resistant to abrasion · Highly flexible · Admissible temperatures: up to +82 °C
	DN 80	200	S-0-5012	
	DN 100	200	S-0-5014	
	DN 120	200	S-0-5016	
	DN 140	200	S-0-5018	
	DN 150	200	S-0-5020	
	DN 175	200	S-0-5022	
	DN 200	200	S-0-5024	
	DN 224	200	S-0-5026	
	DN 250	200	S-0-5028	
	DN 300	200	S-0-5030	
DN 350	200	S-0-5232		
Silicone Wall thickness 2,0 mm	DN 60	200	S-0-5050	<ul style="list-style-type: none"> · FDA approval · Highly flexible · Admissible temperatures: up to +200 °C · Good chemical stability · Translucent
	DN 80	200	S-0-5052	
	DN 100	200	S-0-5054	
	DN 120	200	S-0-5056	
	DN 140	200	S-0-5058	
	DN 140	200	S-0-5060	
	DN 175	200	S-0-5062	
	DN 200	200	S-0-5064	
	DN 224	200	S-0-5066	
	DN 250	200	S-0-5068	
	DN 300	200	S-0-5070	
	DN 350	200	S-0-5072	

Linatex Wall thickness 3,0 mm rot	DN 60	200	S-0-5110	<ul style="list-style-type: none"> · No FDA approval · High resistance · High elasticity · Excellent resistance against cuts and tearing
	DN 80	200	S-0-5112	
	DN 100	200	S-0-5114	
	DN 120	200	S-0-5116	
	DN 140	200	S-0-5118	
	DN 150	200	S-0-5120	
	DN 175	200	S-0-5122	
	DN 200	200	S-0-5124	
	DN 224	200	S-0-5126	
	DN 250	200	S-0-5128	
	DN 300	200	S-0-5130	
	DN 350	200	S-0-5132	

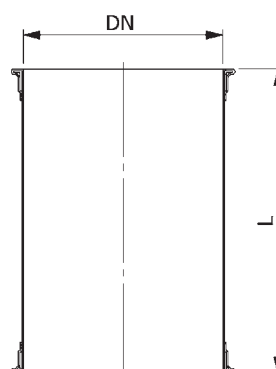
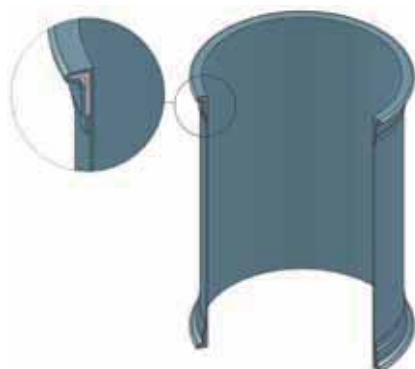
// Easy-clamp sleeves for JACOB flanges (type JS)

Suitable for: (see page 3)	
Required clamp: (see pages 17/18)	

- Exceptionally flexible connection with quick-action coupling suitable for JACOB pipe systems (KMH, Noro)
- Smooth flow profile
- Air tight
- Various other nominal sizes, lengths and materials are also available on request
- Standard flanges in 1.4301, but also in 1.4435 available



Standard delivery:

- Flexible part composed of 2 flanges type JACOB (DN: see table), h=55, thickness 2 mm, with pressed-in connection (material see table below) and 2 pressed rings, standard length between extremities: 100 mm (other lengths on special request)
- JACOB Quick connect pull-rings may be ordered as an option



Material (sleeve)	Size (Jacob standard)	L [mm]	Art. number	Remarks
PU electrically conductive Wall thickness 0,65 mm	DN 60	100	S-0-5310	<ul style="list-style-type: none"> · FDA approval · Very resistant to abrasion · Highly flexible · Admissible temperatures: up to +82 °C · Electrically conductive (ATEX)
	DN 80	100	S-0-5312	
	DN 100	100	S-0-5314	
	DN 120	100	S-0-5316	
	DN 140	100	S-0-5318	
	DN 150	100	S-0-5320	
	DN 175	100	S-0-5322	
	DN 200	100	S-0-5324	
	DN 224	100	S-0-5326	
	DN 250	100	S-0-5328	
	DN 300	100	S-0-5330	
	DN 350	100	S-0-5332	

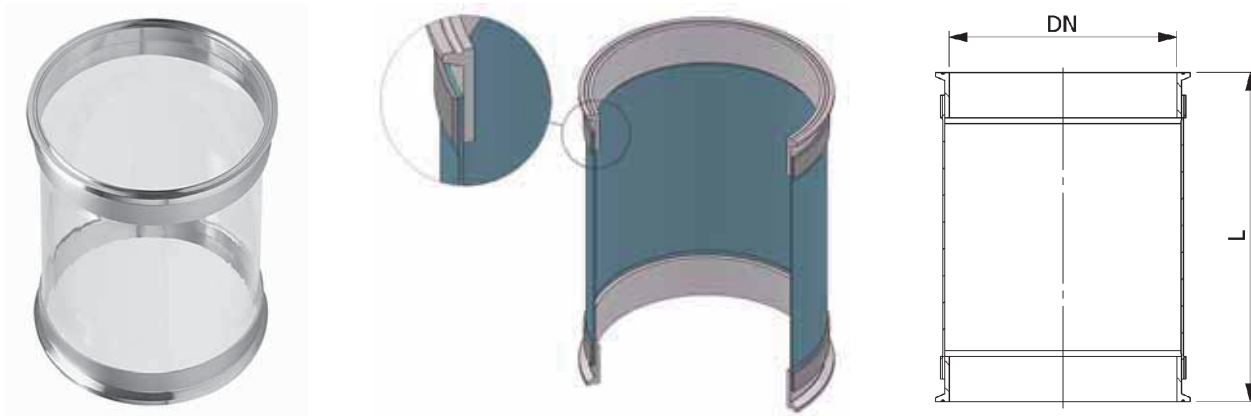
// Easy-clamp sleeves for TriClamp connections (type TC)

Suitable for: (see page 3)	
Required clamp: (see pages 17/18)	

- Exceptionally flexible connection with quick-action coupling suitable for TriClamp connections
- Smooth flow profile
- Air tight
- Various other nominal sizes, lengths and materials are also available on request
- Standard flanges in 1.4435

Standard delivery:

- Flexible part composed of 2 TriClamp flanges (DN: see table), h=55, with pressed-in connection (material see table below) and 2 pressed rings, standard length between flange extremities: 150 mm (other lengths on special request)
- TriClamp quick-action clamping fastener may be ordered as an option



Material (sleeve)	Size (TriClamp-Norm)	L [mm]	Art. number	Remarks
Silicon Wall thickness 2,0 mm	DN 65	150	S-0-5200	<ul style="list-style-type: none"> · FDA approval · Highly flexible · Admissible temperatures: up to +82 °C · Good chemical stability · Translucent
	DN 80	150	S-0-5202	
	DN 100	150	S-0-5204	
	DN 125	150	S-0-5206	
	DN 150	150	S-0-5208	
	DN 200	150	S-0-5210	
	DN 250	150	S-0-5212	
	DN 300	150	S-0-5214	
PU electrically conductive Wall thickness 0,65 mm	DN 65	150	S-0-5250	<ul style="list-style-type: none"> · FDA approval · Very resistant to abrasion · Highly flexible · Admissible temperatures: up to +82 °C · Electrically conductive (ATEX)
	DN 80	150	S-0-5252	
	DN 100	150	S-0-5254	
	DN 120	150	S-0-5256	
	DN 150	150	S-0-5258	
	DN 200	150	S-0-5260	
	DN 250	150	S-0-5262	
	DN 300	150	S-0-5264	

// FUCHS quick clamps

- For quick and easy mounting of standard sleeves
- Sizes: 100, 120, 150 and 200 mm



Material	Size	Art. number	Remarks
Stainless steel	DN 100	S-0-0379	<ul style="list-style-type: none"> · Quick mounting · Competitive pricing
	DN 120	S-0-0380	
	DN 150	S-0-0382	
	DN 200	S-0-0384	

// Screw clamps

- For quick and easy mounting of standard sleeves
- Sizes: 100, 150, 200, 250 and 300 mm



Material	Size	Art. number	Remarks
Stainless steel 1.4301 (AISI 304)	DN 100	S-0-1382	<ul style="list-style-type: none"> · Competitive pricing · Robust · Safe
	DN 150	S-0-1384	
	DN 200	S-0-1386	
	DN 250	S-0-1388	
	DN 300	S-0-1390	

Other diameters on special request.

// JACOB Quick connect pull-rings



Foto: JACOB PIPE SYSTEM

Material	Size	Art. number	Remarks
Stainless steel 1.4301 (AISI 304)	DN 80	S-0-1404	<ul style="list-style-type: none"> · Quick mounting · Widespread standard
	DN 100	S-0-1406	
	DN 120	S-0-1408	
	DN 140	S-0-1410	
	DN 150	S-0-1412	
	DN 175	S-0-1414	
	DN 200	S-0-1416	
	DN 224	S-0-1418	
	DN 250	S-0-1420	
	DN 300	S-0-1422	
	DN 350	S-0-1424	

// Material table

Material	Resistance to wear	Tear resistance	Gastightnes	Resistance to grease	Resistant to animal fat	Resistant to vegetable fat	Resistant to water	Resistant to solvents	Resistant to acids	Min. temperature [°C]	Max. temperature [°C]		Suitable for food industry*	Suitable for pharma industry*	Suitable chemical industry
India rubber	1	1	3	4	4	2	2	4	3	-17	+48		1	1	2
Silicon	3	4	3	3	3	3	2	4	3	-28	+287		1	1	3
Nitrile (NBR)	3	4	2	2	1	1	2	3	2	-12	+93		2	2	2
PU	1	1	2	3	2	2	3	3	4	-28	+121		1	1	2
PU, magnetic										-45	+85		1	1	
EPDM	3	3	2	4	2	2	1	4	1	-40	+121				

1 = very good, 2 = good, 3 = satisfying, 4 = poor

* = FDA approval

// Flexible connectors
// Sifter accessories



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