



GENERAL CATALOGUE



Leader in Gas, Water and Solar


MADE IN ITALY

материал с сайта: www.san-detal.ru



Founded in 1981, **Emiflex SpA** operates in its two plants located in Varedo (Milan) and Siniscola (Nuoro). The Emiflex SpA facilities, covering an area of over 30,000 m², house specific departments for the design, production and marketing of flexible metal hose assemblies, expansion joints, rubber joints, piping supports and chimney flues.

Emiflex operates in both the public and industrial sectors, as its products have wide-ranging applications in the fields of heating, air conditioning and the distribution of water and energy. While consistently monitoring and improving the various steps of its production processes, the company remains firmly focused on the personal needs of its customers. This attention to detail has successfully lead to the realization of a number of important patented products.

One of the most distinguishing features of **Emiflex** is its expertise in designing and manufacturing the machinery required for its metal hose and expansion joint production .



PRODUCTION



Emiflex boasts a production of over 2 million metres of tube per year, with a planned capacity increase to 4.5 million meters/year.

Each individual component* is manufactured internally at one of its two production sites (*with the exception of certain plastic material and some minor brass articles).

The company's key products include **flexible metal hose assemblies** and **expansion joints**.

The **flexible metal hose assemblies** are particularly suitable for connecting domestic appliances to the gas supply and heating boilers to the water distribution system. In addition our products also have applications in the industrial sector, where flexible tubes are used to dampen the vibrations caused by machinery in operation.

The **expansion joints** are used in piping, equipment and numerous other situations requiring compensation for dimensional changes, vibrations or movements due, for example, to the fluid or gas being conveyed. They are used in a wide range of applications in diverse fields, such as: methane distribution systems, water supply systems, heating systems, the chemical and petrochemical industry, steelworks, textile, pharmaceutical and food industries, shipyards, electric and hydro-electric power stations and the transportation sector.

SALES NETWORK

An extensive sales network including commercial agents and distributors guarantees the availability of **Emiflex** products throughout Italy and abroad.

QUALITY



With the focus on product-quality, customer-service and environmental awareness, Emiflex has obtained the **ISO 9001:2000** and **ISO 14001:2004** certificates.

Emiflex is also a member of **EURO QUALIFLEX**, the European union of leading manufacturers of flexible elements (hoses, bellows and expansion joints), and the **European Technical Committee TC342**, as well as the Italian Technical Committee, responsible for the drawing up of technical standards for gas equipment.

The Emiflex expansion joints are manufactured in compliance with the **EJMA** Standards and are **PED** certified according to the **Standard 97/23/EC category III, module B1 + D**.



PATENTS

Patent n. 0000240728

EMISUPER – special sheathing for extensible gas joint in compliance with UNICIG9891:1998

Patent n. 0000246805

(European Patent Application n. EP1060845)
TIROFLEX – multi-size handle which facilitates the extension of extensible flexible joints

Patent n. 0000240728

(European Patent Application n. EP0813014)
Extensible joint equipped with anti-torsion system

Patent n. 0001359069

Chimney flue reducer element

Patent n. 0001359822

EMIMIX – extensible stainless steel joint for connecting mixer taps directly to the water-supply system

Patent Application n. UD2007A000087

(European Patent Application n. EP1995542)
EMISOLAR EXCHANGER – heat exchanger device

European Patent Application n. EP2107290

(Manufacturing method for the application of a heat-shrinkable protective sheathing to a corrugated metal hose)

1981

Emiflex founded

1986

Emiflex expands its product line, including the production of expansion joints, rubber joints and dismantling joints

1994

The production site in Sardinia is inaugurated: Sarflex SpA is founded

1999

Emiflex goes public: EMIFLEX SPA

2003

Certification of the Quality Management System according to the Standard ISO 9001:2000 for Sarflex SpA

2004

Certification of the Environmental Management System according to the Standard ISO 14001:2004 for Sarflex SpA

2004

Emiflex SpA inaugurates the new 5000 m² warehouse in Varedo (Milan)

2005

Certification of the Quality Management System according to the Standard ISO 9001:2000 for Emiflex SpA

2005

Emiflex SpA becomes a member of Euro Qualiflex



2006

Certification of the Environmental Management System according to the Standard ISO 14001:2004 for Emiflex SpA

2007

The second generation steps in to collaborate in synergy with the first

2008

Emiflex SpA becomes a member of the National Technical Committee for drawing up gas technical standards

2009

Emiflex SpA becomes a member of the European Technical Committee TC342 for drawing up gas technical standards

2009

Market launch of the new European gas hose: EMITEG

2009 - 2010

Emiflex SpA further expands its production area

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Water
Products



Flexible by nature



CHARACTERISTICS OF THE PRODUCTS FOR WATER APPLICATIONS

MATERIALS



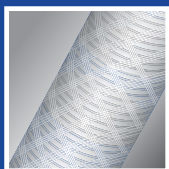
Corrugated tube obtained by machining a sheet of austenitic stainless steel.
Type of steel used: AISI 321, AISI 304 or AISI 316L.
Fittings made from bars of: brass CW619N, AISI 303 or AISI 304.

CERTIFICATIONS



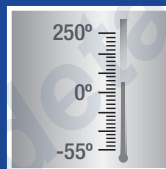
The EMIFLEX products have been awarded the highest technical recognition on an international level. Refer to the product's page to check the specific certifications obtained for each product.

PROTECTIVE SHEATHING



Sheathing made of heat-shrinkable flame-retardant crosslinked polyolefin with adhesion to the tube corrugations. The sheathing protects the tube from the aggression of the surrounding environment without contributing to the tube's mechanical strength or seal.

OPERATING TEMPERATURE



The operating temperature of the joints is estimated to be within the range of -55°C to +250°C. For the joints with the protective sheathing the maximum temperature is +120°C. For any applications with temperatures lower or higher than those indicated, please contact our technical staff.

WELDING



All welding is carried out using the automatic TIG method in an atmosphere protected by Argon, without filler material, for direct fusion of the base materials.

OPERATING PRESSURE

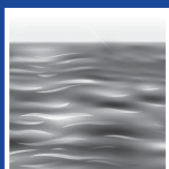


At minimum extension (bar)

DN10 (3/8")	DN15 (1/2")	DN20 (3/4")	DN25 (1")	DN32 (1 1/4")	DN40 (1 1/2")	DN50 (2")
8	7	5	4	3.5	3	2.5
12	10	5.5	5.5	5.5	5.5	3.5

At maximum extension (bar)

TESTING



100% of the production: each individual piece is tested directly by EMIFLEX by immersing the joint in water and applying pneumatic pressure internally, thus testing the seal. Sample tests (both destructive and non-destructive) are also carried out in an internal laboratory as required by the specific regulations in effect.

BENDING RADIUS



Minimum bending radius = 1.5 times the external diameter of the tube (1.5 De).



FIND THE PRODUCT BEST SUITED TO YOUR NEEDS

Product →		WHITESTENS page 20	INOXESTENS page 21	EMICASA page 22	EMIMIX page 23	EMIWATER page 24
Application ↓	Boilers					
	Water heaters					
	Storage water heaters					
	Mixer taps					
	Solar panels					

WHITESTENS



MAIN APPLICATIONS

Boilers
Water heaters
Storage water heaters

TECHNICAL-REGULATORY SPECIFICATIONS:

- **Tube:** austenitic stainless steel, thickness ≥ 0.21 mm.
- **Male fitting:** stainless steel AISI 303, UNI EN 10226-1 thread.
- **Fitting for swivel nut:** stainless steel AISI 303 with flat sealing seat.
- **Nut:** nickel-plated brass CW619N with UNI ISO 228/1 thread.
- **Protective sheathing:** white fire-resistant heat-shrinkable crosslinked polyolefin. Protects the tube from the aggression of external corrosive substances and dampens the vibrations.
- **Treatment:** subjected to annealing heat treatment after welding of the end fittings.

Note: EMIFLEX SPA, as manufacturer, is able to supply special versions of the products listed below. prodotti riportati.

Tube DN	End Fittings	Length		Pieces in Package	Code	
		From [mm]	To [mm]		M.F. - F.S.	F.S. - F.S.
10	3/8"	90	130	12	0511003	0511013
10	3/8"	120	210	12	0511004	0511014
10	3/8"	180	300	12	0511005	0511015
10	3/8"	240	410	12	0511006	0511016
10	3/8"	290	520	12	0511007	0511017
15	1/2"	90	130	12	0511503	0511513
15	1/2"	120	210	12	0511504	0511514
15	1/2"	180	300	12	0511505	0511515
15	1/2"	240	410	12	0511506	0511516
15	1/2"	290	520	12	0511507	0511517
20	3/4"	90	130	12	0512003	0512013
20	3/4"	120	210	12	0512004	0512014
20	3/4"	180	300	12	0512005	0512015
20	3/4"	240	410	12	0512006	0512016
20	3/4"	290	520	12	0512007	0512017
25	1"	90	130	12	0512503	0512513
25	1"	120	210	12	0512504	0512514
25	1"	180	300	12	0512505	0512515
25	1"	240	410	12	0512506	0512516
25	1"	290	520	12	0512507	0512517
					M.F.R. - F.S.	
16	1/2" x 3/4"	90	130	12	0519903	
16	1/2" x 3/4"	120	210	12	0519904	
16	1/2" x 3/4"	180	300	12	0519905	
16	1/2" x 3/4"	240	410	12	0519906	
16	1/2" x 3/4"	290	520	12	0519907	

M.F. = male fixed

F.S. = female swivel

M.F.R. = male fixed reduced

INOXESTENS



UTILIZZO PRINCIPALE

Boilers
Water heaters
Storage water heaters
Solar panels

TECHNICAL-REGULATORY SPECIFICATIONS:

- **Tube:** austenitic stainless steel, thickness ≥ 0.21 mm.
- **Male fitting:** stainless steel AISI 303, UNI EN 10226-1 thread.
- **Fitting for swivel nut:** stainless steel AISI 303 with flat sealing seat.
- **Nut:** nickel-plated brass CW619N with UNI ISO 228/1 thread.
- **Treatment:** subjected to annealing heat treatment after welding of the end fittings.

Note: EMIFLEX SPA, as manufacturer, is able to supply special versions of the products listed below.

Tube DN	End Fittings	Length		Pieces in Package	Code	
		From [mm]	To [mm]		M.F. - F.S.	F.S. - F.S.
10	3/8"	75	130	12	0501003	0501013
10	3/8"	110	210	12	0501004	0501014
10	3/8"	200	410	12	0501006	0501016
10	3/8"	260	520	12	0501007	0501017
15	1/2"	75	130	12	0501503	0501513
15	1/2"	110	210	12	0501504	0501514
15	1/2"	200	410	12	0501506	0501516
15	1/2"	260	520	12	0501507	0501517
20	3/4"	75	130	12	0502003	0502013
20	3/4"	110	210	12	0502004	0502014
20	3/4"	200	410	12	0502006	0502016
20	3/4"	260	520	12	0502007	0502017
25	1"	75	130	12	0502503	0502513
25	1"	110	210	12	0502504	0502514
25	1"	200	410	12	0502506	0502516
25	1"	260	520	12	0502507	0502517
32	1 1/4"	75	130	12	0503203	0503213
32	1 1/4"	110	210	12	0503204	0503214
32	1 1/4"	200	410	12	0503206	0503216
32	1 1/4"	260	520	12	0503207	0503217
40	1 1/2"	110	210	12	0504004	0504014
40	1 1/2"	200	410	12	0504006	0504016
40	1 1/2"	260	520	12	0504007	0504017
50	2"	110	210	12	0505004	0505014
50	2"	200	410	12	0505006	0505016
50	2"	260	520	12	0505007	0505017
					M.F.R. - F.S.	
16	1/2" x 3/4"	75	130	12	0509903	
16	1/2" x 3/4"	110	210	12	0509904	
16	1/2" x 3/4"	200	410	12	0509906	
16	1/2" x 3/4"	260	520	12	0509907	

M.F. = male fixed

F.S. = female swivel

M.F.R. = male fixed reduced

EMICASA



MAIN APPLICATIONS

Boilers
Water heaters
Storage water heaters
Solar panels

TECHNICAL-REGULATORY SPECIFICATIONS:

- **Tube:** austenitic stainless steel, thickness ≥ 0.21 mm.
- **Male fitting:** stainless steel AISI 303, UNI EN 10226-1 thread.
- **Fitting for swivel nut:** stainless steel AISI 303 with flat sealing seat and anti-torsion hex.
- **Nut:** stainless steel AISI 303, UNI ISO 228/1 thread.
- **Treatment:** subjected to annealing heat treatment after welding of the end fittings.

Note: EMIFLEX SPA, as manufacturer, is able to supply special versions of the products listed below.

Tube DN	End Fittings	Length		Pieces in Package	Code	
		From [mm]	To [mm]		M.F. - F.S.	F.S. - F.S.
15	1/2"	75	130	12	0591503	0591513
15	1/2"	110	210	12	0591504	0591514
15	1/2"	200	410	12	0591506	0591516
15	1/2"	260	520	12	0591507	0591517
20	3/4"	75	130	12	0592003	0592013
20	3/4"	110	210	12	0592004	0592014
20	3/4"	200	410	12	0592006	0592016
20	3/4"	260	520	12	0592007	0592017
25	1"	75	130	12	0592503	0592513
25	1"	110	210	12	0592504	0592514
25	1"	200	410	12	0592506	0592516
25	1"	260	520	12	0592507	0592517
M.F.R. - F.S.						
16	1/2" x 3/4"	75	130	12	0599903	
16	1/2" x 3/4"	110	210	12	0599904	
16	1/2" x 3/4"	200	410	12	0599906	
16	1/2" x 3/4"	260	520	12	0599907	
					M.F. - F.S.	F.S. - F.S.
15	1/2"	500	1000	12	0611500	0611510
15	1/2"	750	1500	12	0611501	0611511
15	1/2"	1000	2000	12	0611502	0611512
20	3/4"	500	1000	12	0612000	0612010
20	3/4"	750	1500	12	0612001	0612011
20	3/4"	1000	2000	12	0612002	0612012
25	1"	500	1000	12	0612500	0612510
25	1"	750	1500	12	0612501	0612511
25	1"	1000	2000	12	0612502	0612512

M.F. = male fixed

F.S. = female swivel

M.F.R. = male fixed reduced



EMIMIX



MAIN APPLICATIONS

Mixer taps
Wall-hung sanitary fittings

TECHNICAL-REGULATORY SPECIFICATIONS (model M10 x F.S.):

- **Tube:** austenitic stainless steel.
- **Male fitting:** stainless steel AISI 303, UNI EN 10226-1 thread.
- **Fitting for swivel nut:** stainless steel AISI 303 with flat sealing seat.
- **Nut:** nickel-plated brass CW619N with UNI ISO 228/1 thread.
- **Protective sheathing:** white fire-resistant heat-shrinkable crosslinked polyolefin.
- **Treatment:** subjected to annealing heat treatment after welding of the end fittings.

Important: even with the minimum bending radius the internal passage remains unchanged, thus preventing pressure drops and bursting of the joint.

Note: EMIFLEX SPA, as manufacturer, is able to supply special versions of the products listed below.

Tube DN [mm]	End Fittings		Length		Pieces	Code	
			From [mm]	To [mm]		With protective sheathing	Without protective sheathing
8	M10	F.S. 1/2"	150	260	12	0630800	0640800
8	M10	F.S. 1/2"	280	500	12	0630801	0640801
8	M10	F.S. 3/8"	150	260	12	0630810	0640810
8	M10	F.S. 3/8"	280	500	12	0630811	0640811
10	M.F.	OG.	150	260	12	0631020*	0641020*
10	M.F.	OG.	280	500	12	0631021*	0641021*
10	OG.	OG.	150	260	12	0631030*	0641030*
10	OG.	OG.	280	500	12	0631031*	0641031*
10	F.S.	OG.	150	260	12	0631040*	0641040*
10	F.S.	OG.	280	500	12	0631041*	0641041*
10	S.S.	OG.	150	260	12	0631050*	0641050*
10	S.S.	OG.	280	500	12	0631051*	0641051*

M10 = thread pitch M10 F.S. = female swivel M.F. = male fixed OG. = ogival S.S. = smooth sleeve

*= on request

EMIWATER end EMISSET



Operating pressure: 15 bar

MAIN APPLICATIONS

Boilers
Water heaters
Storage water heaters
Solar systems

TECHNICAL-REGULATORY SPECIFICATIONS:

- **Tube:** austenitic stainless steel AISI 304 or AISI 316L.
- **Tube treatment:** subjected to annealing heat treatment.

Emiset is a kit of elements used for the quick and made-to-measure assembly of the EMIWATER flexible tubes. The system allows the nuts provided to be assembled on the EMIWATER tube by use of a self-flanging device.

This efficient system enables the installer to save time and money by quickly constructing the appropriate custom-made joint.

Note: EMIFLEX SPA, as manufacturer, is able to supply special versions of the products listed below.

Description	Pieces in Package	Code	EMISSET Kit Carrying Case containing:	Code
DN 1/2" EMIWATER tube - 30 meter roll	1	0581530	1 tube cutter	0580000
DN 1/2" EMIWATER tube - 4 meter roll	1	0581504	1 flaring tool with 1/2" and 3/4" template	
DN 3/4" EMIWATER tube - 30 meter roll	1	0582030	20 DN 1/2" nickel-plated brass nuts	
DN 3/4" EMIWATER tube - 4 meter roll	1	0582004	+ gaskets	
DN 1" EMIWATER tube - 30 meter roll	1	0582530	20 DN 3/4" nickel-plated brass nuts	
DN 1" EMIWATER tube - 4 meter roll	1	0582504	+ gaskets	

1" EMISSET Kit Carrying Case containing:	Code
1 tube cutter	0580001
1 flaring tool with 1" template	
22 DN 1" nickel-plated brass nuts	
+ gaskets	



EMISSET SPARE PARTS

Description	Pieces in Package	Code
Flanging tool for 1/2" and 3/4" template (Fig. 1)	1	0580010
Flanging tool for 1" template (Fig. 1)	1	0580011
Tube cutter (Fig. 2)	1	0580020
1/2" and 3/4" template (Fig. 3)	1	0580030
1" template (Fig. 3)	1	0580031



Fig.1



Fig.2



Fig.3

EMIWATER ACCESSORIES

Description	Pieces in Package	Code
DN 1/2" nickel-plated brass nuts with gaskets (Fig. 4)	100	0581220
DN 3/4" nickel-plated brass nuts with gaskets (Fig. 4)	100	0583420
DN 1" nickel-plated brass nuts with gaskets (Fig. 4)	100	0583520
DN 1/2" stainless steel nuts with gaskets (Fig. 4)	100	0581290
DN 3/4" stainless steel nuts with gaskets (Fig. 4)	100	0583490
1/2" cylindrical male - 1/2" conical male nipple (Fig. 5)	20	0581260
3/4" cylindrical male - 3/4" conical male nipple (Fig. 6)	20	0583460
3/4" cylindrical male - 1/2" conical male nipple (Fig. 7)	20	0581270
1/2" cylindrical male - 3/4" conical male nipple (Fig. 8)	20	0583470
1/2" cylindrical male - 1/2" conical male extended nipple (Fig. 9)	20	0581280



Fig.4



Fig.5



Fig.6



Fig.7



Fig.8



Fig.9



EMIWATER ASSEMBLY INSTRUCTIONS



1. Measure the length of the joint you would like to create and add four additional corrugations (these will then be used for the flanging).



2. Cut the joint with the tube cutter.



3. Clamp the end of the tube with the template provided, leaving two corrugations protruding from the side with the plain stop.



4. Insert the template in the appropriate section of the flanging tool.



5. Vigorously open and close the metal plunger repeatedly until the 2 corrugations of the joint are completely flattened.



6. Insert the fittings with the thread facing outwards.



7. Repeat steps 3, 4 and 5 on the other end, insert the gaskets and connect the joints.



Solar Products

www.sam-solar.ru



Flexible by nature

EMISOLAR FLEX DUO

EMISOLAR FLEX DUO is a flexible metal tube in austenitic stainless steel AISI 316L covered by high-temperature resistant EPDM insulation designed for connecting solar heating systems. It allows quick connection of the solar panel to the hot water storage tank, significantly reducing installation time.

These tubes are designed to minimize heat dispersion whilst being resistant to chemical agents, bird and rodent attacks and aggressive weather conditions.

DETAILS:

- High-quality corrugated tube in austenitic stainless steel AISI 316L. Highly flexible, will bend and maintain the formed position.
- Sensor cable coated in high-temperature resistant silicone rubber.
- Insulation in closed-cell EPDM (> 98%) with anti-UV film and a high mechanical friction resistance.
- **Does not contain:** PVC, CFC, HCFC, Halogens, Asbestos, Bromine, Formaldehyde.
- High fire resistance. Flame-retardant. Non-dripping: Class E - DIN EN 13501 / B2 DIN 4102 Teil1 (D).
- Acoustic absorption according to EN ISO 11654, Absorption Class D.
- Permeability $\mu \geq 4500$.
- Thermal resistance from -50°C to $+150^{\circ}\text{C}$ ($+175^{\circ}\text{C}$ for short periods).
- Thermal conductivity:
 - a 0°C 0,038 W/(m·k)
 - a 20°C 0,040 W/(m·k)
 - a 40°C 0,042 W/(m·k)
 - a 60°C 0,045 W/(m·k)



ADVANTAGES:

- Suitable for use with all standard solar heating systems.
- Quick to install, with no need for welding or other accessories for creating the end fittings.
- High-quality individual components.
- Greater resistance due to the EPDM insulation and outer film which guarantee maximum protection against solar radiation and mechanical damage.

Note: EMIFLEX SPA, as manufacturer, is able to supply special versions of the products listed below.

AVAILABLE PRODUCT RANGE:

Tube DN	External Ø	Insulation Thickness	Available Lengths
[mm]	[mm]	[mm]	[m]
16 (3/4" fitting)	21,4	14	10/15/20/25/50
20 (1" fitting)	26,2	14	10/15/20/25/50
25 (1 1/4" fitting)	31,7	14	15/25

Note: each package includes a kit of fittings (4 nuts + 4 gaskets + 4 retaining rings + 2 cylindrical male/conical male nipples).

TESTING

100% of the production: each individual piece is tested directly by EMIFLEX by immersing the joint in water and applying pneumatic pressure internally, thus testing the seal.

Sample tests are also carried out in an internal laboratory as required by the applicable regulations.



ACCESSORIES:

Description	Pieces in Package	Code
Brass nut, DN 3/4" (Fig. 1)	20	S0300160
Brass nut, DN 1" (Fig. 1)	20	S0300200
Brass nut, DN 1"1/4 (Fig. 1)	10	S0300250
Retaining ring, DN 3/4" (Fig. 2)	50	S0302160
Retaining ring, DN 1" (Fig. 2)	50	S0302200
Retaining ring, DN 1"1/4 (Fig. 2)	20	S0302250
Cylindrical male brass nipple, DN 3/4" x 3/4" (Fig. 3)	10	S0301160
Cylindrical male brass nipple, DN 1" x 1" (Fig. 3)	10	S0301200
Cylindrical male brass nipple, DN 1"1/4 x 1"1/4 (Fig. 3)	4	S0301250
Cylindrical male brass reducer nipple, DN 1" x 3/4" (Fig. 4)	10	S0307200
Cylindrical male brass reducer nipple, DN 1"1/4 x 1" (Fig. 4)	4	S0307250
Cylindrical male brass nipple, DN 3/4" - smooth sleeve Ø22 (Fig. 5)	10	S0305161
Cylindrical male brass nipple, DN 1" - smooth sleeve Ø22 (Fig. 5)	10	S0306201
Centellen WS3820 high-temperature gasket, DN 3/4" (Fig. 6)	50	S0303160
Centellen WS3820 high-temperature gasket, DN 1" (Fig. 6)	50	S0303200
Centellen WS3820 high-temperature gasket, DN 1"1/4 (Fig. 6)	50	S0303250
Standard KIT, DN 3/4" (4 nuts + 2 nipples + 4 gaskets + 4 rings)	1	S0304160
Standard KIT, DN 1" (4 nuts + 2 nipples + 4 gaskets + 4 rings)	1	S0304200
Standard KIT, DN 1"1/4 (4 nuts + 2 nipples + 4 gaskets + 4 rings)	1	S0304250
Quick production station KIT, DN 3/4" (4 nuts 3/4" + 1 nut 1" + 2 reduction nipples 1" x 3/4" + 2 fittings 3/4" x Ø22)	1	S0308160
Quick production station KIT, DN 1" (5 nuts 1" + 2 nipples 1" + 2 fittings 1" x Ø22)	1	S0308200



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6

MECHANICAL SEAL FITTINGS:

Description	Pieces in Package	Code
Cylindrical male mechanical seal fitting, DN16 x 1/2" (Fig. 1)	2	S0309120
Cylindrical male mechanical seal fitting, DN16 x 3/4" (Fig. 1)	2	S0309160
Cylindrical male mechanical seal fitting, DN20 x 3/4" (Fig. 1)	2	S0311160
Cylindrical male mechanical seal fitting, DN20 x 1" (Fig. 1)	2	S0311200
Cylindrical male mechanical seal fitting, DN25 x 1" 1/4 (Fig. 1)	2	S0313250
Female mechanical seal fitting, DN16 x 3/4" (Fig. 2)	2	S0310160
Female mechanical seal fitting, DN20 x 1" (Fig. 2)	2	S0312200
Female mechanical seal fitting, DN25 x 1" 1/4 (Fig. 2)	2	S0314250
Flexible tube extension mechanical seal fitting, DN16 x DN16 (Fig. 3)	2	S0315160
Flexible tube extension mechanical seal fitting, DN20 x DN20 (Fig. 3)	2	S0315200
Flexible tube extension mechanical seal fitting, DN25 x DN25 (Fig. 3)	2	S0315250
Copper mechanical seal fitting, DN16 x Ø18 (Fig. 4)	2	S0317160
Copper mechanical seal fitting, DN20 x Ø18 (Fig. 4)	2	S0317200
Copper mechanical seal fitting, DN16 x Ø22 (Fig. 4)	2	S0318160
Copper mechanical seal fitting, DN20 x Ø22 (Fig. 4)	2	S0318200
Copper mechanical seal fitting, DN25 x Ø22 (Fig. 4)	2	S0318250
Sealing ring, DN16 x DN16 (Fig.5)	40	S0319160
Sealing ring, DN16 x DN20 (Fig.5)	40	S0319200
Sealing ring, DN25 x DN25 (Fig.5)	20	S0319250



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5

LOGISTIC DATA:

DN	External ø	Wall Thickness	Insulation Thickness	Package	Code	Package Dimensions	Weight in Kg	Volume
[mm]	[mm]	[mm]	[mm]	[m]		[mm]		[m³]
16 (3/4")	21.4	0.18	14	10	S0016010	800 x 800 x 290	8.6	0.19
16 (3/4")	21.4	0.18	14	15	S0016015	800 x 800 x 390	12.2	0.25
16 (3/4")	21.4	0.18	14	20	S0016020	800 x 800 x 550	15.8	0.35
16 (3/4")	21.4	0.18	14	25	S0016025	800 x 800 x 550	19.0	0.35
16 (3/4")	21.4	0.18	14	50	S0016050	800 x 800 x 650	38.3	0.42
20 (1")	26.2	0.18	14	10	S0020010	800 x 800 x 290	10.6	0.19
20 (1")	26.2	0.18	14	15	S0020015	800 x 800 x 390	15.2	0.25
20 (1")	26.2	0.18	14	20	S0020020	800 x 800 x 550	18.8	0.35
20 (1")	26.2	0.18	14	25	S0020025	800 x 800 x 550	23.8	0.35
20 (1")	26.2	0.18	14	50	S0020050	800 x 800 x 650	48.0	0.42
25 (1" 1/4)	31.6	0.18	14	15	S0025015	800 x 800 x 390	17.4	0.25
25 (1" 1/4)	31.6	0.18	14	25	S0025025	800 x 800 x 650	28.4	0.42





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