

MODEL 527

MATERIALS

Corrugated tube obtained from AISI 316L stainless steel strip. Exterior plastic protection of fireproof PVC. Connection nuts made of AISI 303 stainless steel.

TYPE

With PVC coating and neck connection.

TEMPERATURE RANGE

• De -20°C a +120°C.

MAXIMUM PRESSURE: 0,5 bar

OTHER SPECIFICATIONS

See table below.

Technical Data Sheet INDUSTRIAL FLEXIBLE with PVC coating for gas

DESCRIPTION

Flexible metallic corrugated pipe formed with ripples from welded tube. (See diagram).

APPLICATIONS

For the conduction of fluids and gases at high temperatures and pressures in static installations or with slight movements. Ideal product for applications in chemical, petrochemical, thermal, and many other fields. It is important to avoid twisting the tube.

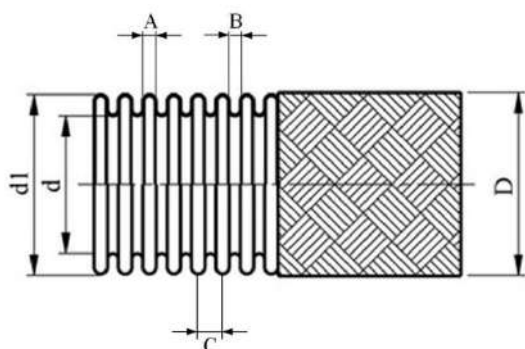
STANDARD LENGTHS

800 mm, 1,500 mm. (470mm model only in 1/2"). Special lengths can be manufactured on request.

REGULATIONS

UNE-EN 10380

DN		DIMENSIONS			DIMENSIONS			MINIMUM BENDING RADIUS		THICKNESS
		A	B	C	d	d1	D	ONCE ONLY	FREQUENTLY	WALL
mm	Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm
12	1/2"	1,7	1,3	3,1±0,1	12,0±0,3	16,7±0,3	16,7±0,3	25	130	0,15
15	1/2"	2	1,3	3,3±0,1	14,0±0,3	20,5±0,3	20,5±0,3	30	150	0,20
20	3/4"	2,00	1,61	3,7±0,1	20,3±0,3	26,6±0,3	26,6±0,3	32	170	0,18
25	1"	2,00	1,62	3,7±0,1	25,4±0,3	32,3±0,3	32,3±0,3	40	190	0,20
32	1"1/4	2,00	1,62	3,6±0,1	34,3±0,3	41,1±0,3	41,1±0,3	50	260	0,20
40	1"1/2	2,76	2,26	5±0,2	40,0±0,3	49,6±0,3	49,6±0,3	60	300	0,25
50	2"	2,76	2,26	5±0,2	50,5±0,4	60,5±0,4	60,5±0,4	70	320	0,25



ADVANTAGES:

- Saves time and money, as no assembly is required.
- No need to cut the pipe.
- No need to weld fittings or assemble nuts.
- Improves safety.

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INSTALLATION

- These flexibles must be installed without EVER exceeding the permitted bending radius and leave it ALWAYS you work with as large a bending radius as possible. Excessive curvature causes irreparable damage to the flexible and consequently may begin to be non-watertight.
- When installing these flexibles, take into account that they NEVER subject them to any moment or torque stress. Especially when its threaded ends are being connected.
- Once installed, these flexibles must ALWAYS work in a neutral position, without any moment or torque.
- Connect the hose to the mains appliance or pipe, always using the appropriate sealing elements and connection fittings for each type of hose. These accessories must comply with the specifications of the standards required by the regulations in force.
- In the case of using accessories that require welding operations, NEVER carry out these operations with the accessory connected to the flexible. Also, make sure to remove the parts of the accessory that are made of rubber or susceptible to damage in a welding operation.
- Check that the connection is free of any type of stress, such as traction, compression, torsion, bending or shearing.
- NEVER hit the flexible by any of its parts under any circumstances.
- DO NOT alter or modify any part of the flexible or its components.
- Once the installation is completed, it is mandatory to carry out the leak tests required by the regulations in force. These tests must always be carried out prior to the commissioning of the device or network.
- Any deterioration or breakage of a flexible or part of it requires complete replacement of the same.
- Deterioration of any part of a flex means non-compliance with regulatory requirements.
- Make sure that the flexible is suitable for the appliance or network to which we install, and that it allows the necessary flow for the intended use.
- All installations have to be carried out in accordance with existing codes of practice, local laws and approved national regulations.
- To check the absence of leaks in the installation, NEVER USE flames or any flammable substance or product or susceptible to fire or explosion.
- Never use this flexible for a use other than that for which it has been designed and manufactured.

