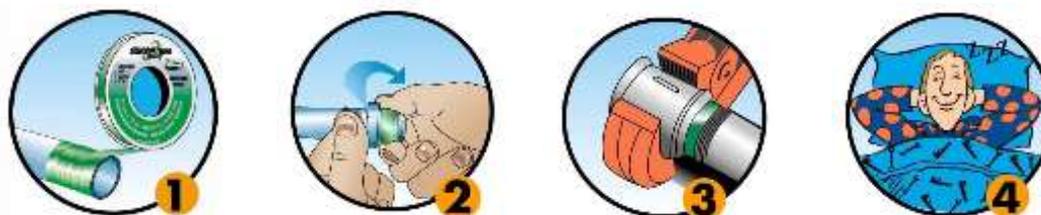


SILICON SEALING TAPE®

Dynamic sealing tape for plumbing fittings



DESCRIPTION:

SILICON SEALING TAPE is a fibre-synthetic tape thermally stabilized, soaked with a special putty not hardened. Its function is to seal hydraulic threaded pipe-fittings of every diameter and material, with the common gases and also with drinking and heating water. In fact, it does not change neither the smell nor the flavour and clearness of the water. It is suitable for conical and parallel threads.

ADVANTAGES:

SST is clean and it does not leave any dirt on the hands; it is cheap, easy and quick to apply. With SST, it is possible to replace the fittings and to disassembly also after a lot of years. It resists to the typical vibrations of the joints close to the pumps.

CONFORMITY:

SST is in conformity with the technical specifications according to **EN 751/2 Cl. ARp**. SST is certified **DVGW, WRAS BS6920** and **TÜV PROFICERT Product**.

APPLICATION WITH GASES:

to be used up to 5 Bars pressure, -20 to +70 °C *.

APPLICATION WITH WATER:

Up to 16 Bars pressure, at +95 °C.
Up to 7 Bars pressure, at +130 °C *.
Dimensional stability at +170 °C.

* Data refer to the norm UNI EN 751/2 Cl. ARp

CONFORMITY WITH MATERIALS:

- PIPES: tested on all the metals, stainless steel included, all the types of plastic, rigid PVC included according to DIN 8061.

- FLUIDS: tested on drinkable and heating water, steam, methane, LPG, diluted alkalis and diluted acids and mixtures of water antifreeze up to 160 °C.

INSTRUCTIONS FOR USE:

Apply normally like a common tight tape on the thread, taking care that the adhesive sight at view of the tape is in contact with the thread exerting a light stretch **preferably starting from the beginning of the thread in the direction of the thread and coming back to the beginning covering all the thread** (see drawing 1).

In most cases it is not necessary to make the thread rough or to dent it except on very smooth materials like for example brass, stainless steel and chromium-plated fittings. In any case, use following the experience acquired.

Tear it simply without cutting. It allows replacement of the fitting. Once the fitting has been loosened, it is possible to tighten it again. Do not exceed in quantity as a part of the tape could be expelled.

Indicative consumptions for use of SST® of 14 mm, on homologated conic threads with normal tolerances. When the floats are more than normal, increase in proportion the quantity of the tape, but never exceed:

SST of 14 mm width		
Ø inch	cm of SST	Wraps
3/8	17 - 20	2 - 3
1/2	20 - 30	3 - 4
3/4	35 - 40	4 - 5
1	40 - 45	4 - 5
1 1/4	60 - 70	5 - 6
1 1/2	75 - 80	5 - 6
2	95 - 105	5 - 6
2 1/2	135 - 160	6
3	195 - 210	6 - 7
4	250 - 300	7 - 8

TECHNICAL DATA:

DATA	MEASURE	TEST METHOD	STANDARD	TOL. CE
Grammage	g/m ²	EDANA 40.3-90	60	54 ÷ 66
Thickness	mm	EDANA 30.5-99	0,60	0,51 ÷ 0,69
Density	g/cm ³	EDANA 30.5-99	0,1	0,078 ÷ 0,129
Tensile strength MD*	N	EDANA 20.2-89	95	Min. 73
Tensile strength CD**	N	EDANA 20.2-89	27	Min. 19
Elongation MD*	%	EDANA 20.2-89	33	23 ÷ 43
Elongation CD**	%	EDANA 20.2-89	121	101 ÷ 141
Absorption capacity	%	EDANA 10.3-99	820	Min. 720
Drop point of the putty	°C	DIN ISO 2176	141	137
Solubility in water		INNER TEST	insoluble	-
Density of the putty	g/l	INNER TEST	1 ± 5 %	± 5 %
Application temperature	°C	INNER TEST	-50 ÷ +60	-

* MD: machine direction

** CD: cross direction

AVAILABLE MEASURES:

Rolls H 14 mm x 15 m, boxes of 60 pcs.

Rolls H 19 mm x 15 m, boxes of 48 pcs.

Rolls H 14 mm x 5 m, boxes of 90 pcs.

