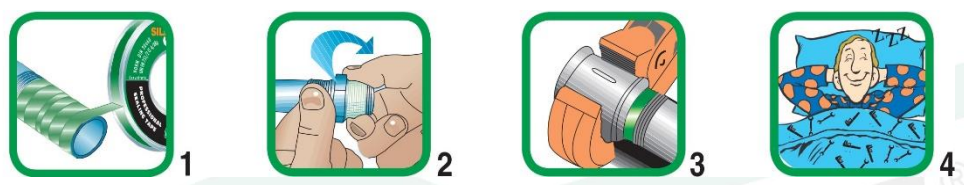


SILICON SEALING TAPE®

Universal sealing tape with dynamic effect *,
for hydraulic fittings

WRAS certified for use with drinking water
DVGW certified for use with hot water and gas



DESCRIPTION:

SILICON SEALING TAPE is a rot-proof and thermally stabilized synthetic fiber tape, impregnated with a particular non-hardening mastic. The function of the tape is to seal threaded hydraulic fittings of any diameter and material, both with common gases (steam, methane, LPG), as well as with drinking water, heating and solar panels. In fact, it does not alter the smell, taste and purity of the water.

* It is a dynamic sealant as it adapts to all threads and any material, also compensating for wide play between male and female. Suitable for conical and parallel threads. Not suitable in case of contact with strongly oxidizing substances

BENEFITS:

SILICON SEALING TAPE is clean and leaves no traces on the hands, it is economical, quick and easy to apply. It allows the repositioning of the fittings and disassembly after years, preserving the threads from corrosion. Withstands the typical vibrations of joints, in the vicinity of pumps and compressors

COMPLIANCE:

SILICON SEALING TAPE complies with the technical specifications according to UNI EN 751/2 Cl. ARp, and is WRAS BS 6920 certified for drinking water, food liquids, DVGW EN 751-2 and TÜV PROFICERT Product (consumer protection certification).

APPLICATIONS WITH GAS:

- Up to pressures of 5 Bar from -20 ° C to +70 ° C *

APPLICATIONS WITH WATER:

- Up to pressures of 16 Bar at 95 °C.
- Up to pressures of 7 Bar at 130 °C *
- Dimensional stability: 170 °C

* Data referred to the standard UNI EN 751/2 Cl. ARp



CONFORMITY TO MATERIALS:

- PIPES: tested on all metals including stainless steel, all types of plastic including rigid PVC according to DIN 8061 for parallel and conical threads.

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

METHOD OF USE:

Apply normally as a common sealing tape on the thread, putting the slightly adhesive green part of the tape in contact with the thread, exerting a certain tension, preferably starting from the beginning of the thread in the direction of the thread and returning towards the beginning for better aesthetics after covering the entire thread (see drawing 1).

In most cases it is not necessary to roughen or dent the thread, except on particularly smooth materials such as brass, stainless steel or chromed fittings. In any case, use according to the experience gained. It can be torn simply by pulling it without the need to cut it. Allows repositioning of the fitting. Once the fitting has been loosened, within certain limits it can be tightened again. Do not exceed in quantity as a portion of the tape may be ejected.

Indicative consumption of SILICON SEALING TAPE H 14 mm, on conical threads in compliance with the law with normal tolerances. Where the gaps are greater, proportionally increase the amount of tape, in any case do not exceed.

AVERAGE CONSUMPTIONS SILICON SEALING TAPE width 14 mm

Ø pollici	cm di SST	Giri
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:

PARAMETER	MISURE	TEST METHOD	STANDARD	TOLL. CE
Weight	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
Alongment MD*	%	EDANA 20.2-89	33	23 ÷ 43
Alongment 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		INTERN	insolubile	-
Density of the putty	g/l	INTERN	1 ± 5 %	± 5 %
Application temperature	°C	INTERN	-50 ÷ +160	-

* MD: machine direction ** CD: cross direction



PACKAGES:

Item number SST1405, rolls H 14 mm x 5 m, Exhibitor, boxes of 90 pcs.
 Item number SST1415, rolls H 14 mm x 15 m, Exhibitor, boxes of 60 pcs.
 Item number SST1915, rolls H 19 mm x 15 m, Exhibitor, boxes of 48 pcs.
 Item number SSTBLI1405, blister H 14 mm x 5 m, Exhibitor, boxes of 42 pcs.

WATCH THE
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**CERTIFICATIONS AND REGISTRATIONS:**

- **WRAS APPROVED MATERIAL N. 1812519**
Suitability for use in contact with water intended for human consumption



www.wrasapprovals.co.uk/approvals-directory/?company=12124

Certification mark owned by WRAS

- **DVGW REGISTRATION N. 5142CL0112**
Sealing materials for threaded metal joints in contact with gas of the 1st, 2nd, 3rd family and with hot water, according to DIN EN 751-2



<https://mycert.dvgw-cert.com/verzeichnisse/index>

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PRODOTTI CHIMICI E TECNICI - CHEMICAL AND TECHNICAL PRODUCTS

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