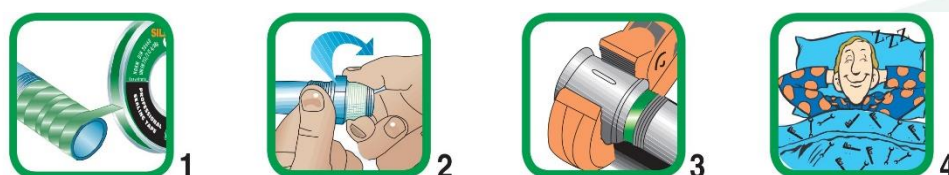


# SILICON SEALING TAPE®

Universal sealing tape with dynamic effect \*,  
for hydraulic fittings

DVGW certified for use with hot water and gas

ACS certified for use with potable water



## 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. 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 technical specifications to EN 751/2 Cl. ARp and ACS certified for drinking water, food liquids and DVGW EN 751-2 for use with hot water and gas.

## 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



PRODOTTI CHIMICI E TECNICI – CHEMICAL AND TECHNICAL PRODUCTS

FACOT CHEMICALS Srl - Via Crema 44, 26010 Capralba CR, Italy - Tel. +39 0373450642 - [info@facot.it](mailto:info@facot.it) - [www.facotchemicals.com](http://www.facotchemicals.com)



CHEMISTRY IN ACTION

**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 inch	cm SST	giri wraps	ø pollici inch	cm SST	giri wraps
3/8	10	1 - 2	1 1/2	65 - 70	4
1/2	15 - 20	2	2	105 - 110	5
3/4	25 - 30	2 - 3	2 1/2	135 - 145	5 - 6
1	40 - 45	2 - 3	3	165 - 175	5 - 6
1 1/4	50 - 55	3 - 4	4	215 - 225	6

**TECHNICAL DATA:**

PARAMETER	MISURE	TEST METHOD	STANDARD	TOLL. CE
Weight	g/m <sup>2</sup>	EDANA 40.3-90	60	54 ÷ 66
Thickness	mm	EDANA 30.5-99	0,60	0,51 ÷ 0,69
Density	g/cm <sup>3</sup>	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	130 ÷ 150
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 SSTBL1405, blister H 14 mm x 5 m, Exhibitor, boxes of 42 pcs.

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**CERTIFICATIONS AND REGISTRATIONS:**

- **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



- **ACS CERTIFICATE OF CONFORMITY No. 23 CLP NY 028**  
Suitable for contact use with the water intended for human consumption



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