Versilic® Tubing

HIGH-PERFORMANCE SILICONE TUBING

Versilic® Silicone Tubing

Versilic® high-performance silicone tubing, with a Shore hardness of 60, is an excellent pump tubing. It stays flexible down to -50°C and maintains its chemical, mechanical, and electrical performance up to +200°C.

Versilic® tubing offers precise and consistent dosing in peristaltic pumps used for dispensing equipment, with a longer lifespan compared to other silicone tubing available in the market.

Tube Silicone Versilic®

Le tube silicone haute performance Versilic®, d'une dureté Shore de 60, excelle pour l'usage en pompe. Il reste flexible jusqu'à -50°C et conserve ses performances chimiques, mécaniques et électriques jusqu'à +200°C.

Le tube Versilic® permet un dosage précis et constant en pompes péristaltiques utilisées dans les équipements de distribution, avec une durée de vie plus longue que les autres tubes en silicone disponibles sur le marché.



Features and Benefits

- Peroxide-cured silicone
- Long life in peristaltic pump
- Good chemical resistance
- Temperature resistance -50˚C / +200˚C
- Biological neutrality
- FDA 21CFR part 177-2600
- USP Class VI

Caractéristiques et Avantages

- Silicone polymérisé au peroxyde
- Longue durée de vie en pompe péristaltique
- Bonne résistance chimique
- Résiste à des températures comprises entre -50˚C / +200˚C
- Neutralité biologique
- FDA 21CFR part 177-2600
- USP Classe VI

SAINT-GOBAIN

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Standard Sizes / Tailles Standard

ID / DI	OD / DE	Wall Thickness/ EP	50m	25m	10m
0,5	2,5	1,0	760010	–	–
1,0	3,0	1,0	760070	–	–
1,5	3,0	0,75	760110	–	–
2,0	4,0	1,0	760160	–	–
2,0	5.5	1,75	760170	–	–
2,0	6,0	2,0	760180	–	–
3,0	5,0	1,0	760210	–	760210-10
3,0	5,5	1,25	760220	–	–
3,0	6,0	1,5	760230	–	760230-10
3,0	7,0	2,0	760250	–	–
4,0	6,0	1,0	760320	–	760320-10
4,0	7,0	1,5	–	760330	–
4,0	8,0	2,0	–	760350	760350-10
4,0	10,0	3,0	–	760360	–
5,0	7,0	1,0	–	760410	–
5,0	8,0	1,5	–	760420	760420-10
5,0	9,0	2,0	–	760430	–
5,0	10,0	2,5	–	760440	–
6,0	8,0	1,0	–	760490	–
6,0	9,0	1,5	–	760500	760500-10
6,0	10,0	2,0	–	760510	760510-10
6,0	12,0	3,0	–	760520	760620-10
7,0	10,0	1,5	–	760570	760670-10
7,0	11,0	2,0	–	760580	–
7,0	12,0	2,5	–	760581	760581-10
7,0	13,0	3,0	–	760590	–
8,0	11,0	1,5	–	760630	–
8,0	12,0	2,0	–	760650	760650-10
8,0	14,0	3,0	–	760670	760670-10
8,0	16,0	4,0	–	760690	760690-10
8,5	12,0	1,75	–	760720	–
9,0	13,0	2,0	–	760730	–
10,0	14,0	2,0	–	760770	760770-10
10,0	16,0	3,0	–	760800	760800-10
10,0	18,0	4,0	–	760810	760810-10
10,0	23,0	6,5	–	760820	–
12,0	15,5	1,75	–	760870	–
12,0	17,0	2,5	–	760880	–
15,0	21,0	3,0	–	761050	–
18,0	24,0	3,0	–	–	761080
20,0	27,0	3,5	–	–	761100
25,0	35,0	5,0	–	–	761150
30,0	40,0	5,0	–	–	761170
40,0	50,0	5,0	–	–	761190
50,0	60,0	5,0	–	–	761270

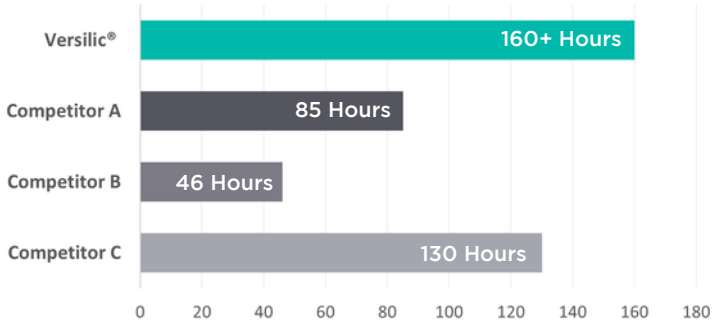
Special grades and sizes are available upon request.

Grades et dimensions spéciales disponibles sur demande.

Comparative Peristaltic Pump Tubing Life
Comparaison de la durée de vie en pompe péristaltique

The table below depicts hours until tubing rupture

Pump test @300 rppm, 10 psi back pressure



Typical Physical Properties
Propriétés Physiques

	ASTM Method	Value / Valeur
Hardness / Dureté Shore A , 15 sec	D2240-02	62
Color / Couleur	—	Translucent Transparent
Tensile Strength, (MPa) Résistance à la Rupture	D412-98	≥ 7,5
Ultimate Elongation (%) Allongement à la Rupture	D412-98	≥ 270
Specific Gravity / Densité	D792-00	1,15
Maximum Operating temperature (°C) Température de Service Maximale Recommandée	—	200
Mimimum Operating temperature (°C) Température de Service Minimale Recommandée	—	-50

Sterilization Method / Procédés de Stérilisation

Autoclavable(1)	Gas / Gaz(2)	Radiation / Irradiation(3)
Yes / Oui	Yes / Oui	Yes / Oui

(1) Steam 18 minutes at 1 bar (134°C) / Vapeur 18 minutes à 1 bar (134°C)

(2) Ethylene oxide / Oxyde d'éthylène

(3) Radiation up to 2,5 MRad / Irradiation jusqu'à 2,5 MRad

www.ics.saint-gobain.com

Saint-Gobain
5 Rue du Dauphiné
Zone Industrielle de Chesnes
BP712 Saint-Quentin-Fallavier
Cedex, France 38297

NOTE: The data and details given in this document are correct and up to date. This document is intended to provide information about the product and possible applications. This document is not the product specification and does not provide specific features, nor does it guarantee product performance in specific applications. Saint-Gobain cannot anticipate or control the conditions of the field and for this reason strongly recommends that practical tests are conducted to ensure that the product meets the requirements of a specific application.

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