

VERSILON®
Engineered Versatility

Versilon® GA Tubing

MULTI-PURPOSE, NATURAL RUBBER TUBING

Natural Rubber Tubing

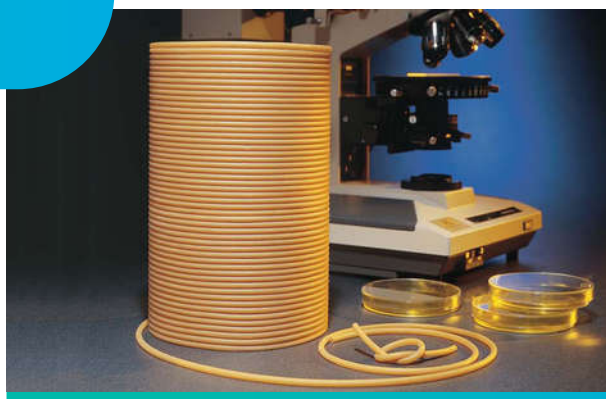
Made of natural rubber, Versilon® GA tubing is 40 Shore A, with a light-brown color. It provides excellent elasticity and resilience. Easy-to-fit on all types of connectors, it has similar properties to latex and is preferred in most industry applications. Typical applications include all kinds of dispensing, including soap and cleaners.

Tube en Caoutchouc Naturel

Composé de caoutchouc naturel, le tube Versilon® GA possède une dureté de 40 Shore A et offre une élasticité et une résilience hors du commun. Facile à mettre en place sur tous types de connecteurs, ce tube de couleur brun clair a des propriétés similaires à celles du latex, auquel il est préféré pour la plupart des applications industrielles et de laboratoire. Il peut notamment être utilisé pour des applications de laboratoire, mais également pour la distribution, les savons et nettoyants.

Schlauchleitungen aus Naturkautschuk

Die aus Naturkautschuk hergestellten Versilon® GA-Schlauchleitungen besitzen den Härtegrad 40 Shore A und sind hellbraun. Sie bieten herausragende Elastizität und Widerstandsfähigkeit. Die Schlauchleitungen lassen sich leicht an alle Arten von Verbindungsstücken anschließen und verfügen über ähnliche Eigenschaften wie Latex. Sie eignen sich perfekt für die meisten Labor- und allgemeinen Industrieanwendungen. Zu typischen Anwendungen zählen allgemeine Laboranwendungen, Sowie alle Arten von Dosierungsanwendungen wie Seifen und Reiniger.



Features and Benefits

- Excellent elongation > 500%
- Good resistance to abrasion

Caractéristiques et Avantages

- Excellent allongement > 500%
- Bonne résistance à l'abrasion

Eigenschaften und Vorteile

- Ausgezeichnete Dehnbarkeit > 500%
- Gute Verschleißfestigkeit

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I.D. (mm)	O.D. (mm)	Wall Thickness (mm)	Min. Bend Radius (mm)	Length (ft)
2.0	4.0	1.0	7	50- and 100-ft lengths, stock sizes subject to change.
3,0	5.0	1.0	11	
4.0	6.0	1.0	12	
4.0	7.0	1.5	12	
4.0	8.0	2.0	7	
5.0	8.0	1.5	18	
5.0	9.0	2.0	14	
5.0	10.0	2.5	13	
6.0	9.0	1.5	29	
6.0	10.0	2.0	19	
7.0	10.0	1.5	37	
7.0	11.0	2.0	26	
7.0	13.0	3.0	20	
8.0	12.0	2.0	28	
8.0	16.0	4.0	17	
10.0	14.0	2.0	50	
10.0	15.0	2.5	40	
12.0	17.0	2.5	52	
15.0	21.0	3.0	70	
18.0	24.0	3.0	99	
20.0	27.0	3.5	99	

Sterilization Method/Procédés de Stérilisation/Sterilisationsverfahrencs

Autoclavable/ Autoklavierbar[1]	Gas/Gaz[2]	Radiation/ Irradiation/ Bestrahlug[3]
yes/oui/Ja	yes/oui/Ja	no/non/Nein

1 Steam 30 minutes at 1 bar (141°C)/Vapeur 30 minutes à 1 bar (141°C)/30 Minuten Dampf mit einem Druck von 1 Bar (141°C)

2 Ethylene oxide/Oxyde d'éthylène/Ethylenoxid

3 Radiation up to 2.5 MRad/Irradiation jusqu'à 2.5 MRAD/ Bestrahlung bis zu 2.5 MRad

The values listed for working and burst pressures are derived from tests conducted under controlled laboratory conditions. Many factors will reduce the tubing's ability to withstand pressure, including temperature, chemical attack, stress, pulsation and the attachment to fittings. It is imperative that the user conduct tests simulating the conditions of the application prior to specifying the tubing for use.

Typical Physical Properties/Propriétés physiques/ Typische physikalische Eigenschaften

Property	ASTM Method	Value/ Valeur/Wert
Durometer Hardness/Dureté/Härte (Shore A), 15 Sec	D2240	40
Tensile Strength/Résistance à la rupture/Maximale Dehnung, psi (MPa)	D412	3045 (21)
Ultimate Elongation/Allongement à la rupture/Maximale Dehnung, %	D412	500
Tear Resistance/Résistance au déchirement/Reißfestigkeit, lb-f/in. (kN/m)	D1004	170 (30)
Specific Gravity/Densité/ Dichte	D792	0.98
Water Absorption/Absorption d'eau/Wasserabsorption, % at 73°F (23°C) for 24 hrs.	D570	0.47
Compression Set Constant Deflection/Déformation rémanente à la compression/Druchverformungstest Konstante Durchbiegung, % at 158°F (70°C) for 22 hrs.	D395	17
Brittleness Temp./Température de fragilisation/ Versprödungtemperatur, °F (°C)	D764	-40 (-40)
Maximum Recommended Operating Temp./Température de service maximale recommandée/Empfohlene maximale Betriebstemperatur, °F (°C)	—	158 (70)
Tensile Set/Seuil d'élasticité/Streckgrenze, %	D412	10
Color/Couleur/Farbe	—	light brown/ naturel ambre/ hellbraun

Unless otherwise noted, all tests were conducted at room temperature 73°F (23°C).
Values shown were determined on 0.075" (6,35 mm) thick extruded strip, 0.075" (6,35 mm) thick molded ASTM plaques or molded ASTM durometer buttons. Size of tubing tested is 1/8" ID x 1/4" OD.

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Saint-Gobain
BP 14 - La Mothe Aux Aulnaies
89120 Charny, France

www.ics.saint-gobain.com

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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