VERSILON®
Engineered Versatility

Versilon® SPX-60 FB Tubing



SILICONE TUBING FOR FOOD AND BEVERAGE APPLICATIONS

Peroxide-cured Versilon® SPX-60 FB silicone tubing is designed for use in food and beverage applications where flexibility, resiliency and durability are required. This tubing formulation optimizes critical physical properties such as tensile strength, elongation and compression set, resulting in a more physical durable product. The smooth inner surface of the tubing reduces the risk of particulate entrapment during the dispensing of beverages such as coffee, tea, soft drinks, and fruit juices.

Typical Applications

- Food and beverage dispensing
- Cosmetic dispensing and production

Features and Benefits

- Provides resiliency, long-life, and durability
- Ultra-smooth inner bore reduces risk of particulate entrapment
- Withstands temperature extremes from -75°F to 350°F

Regulatory Compliance

- FDA Food Additive Regulations
- (EC) No 1935/2004
- French Order of 25 November 1992 on silicone materials

*For complete compliance information and appropriate use instructions, please refer to the detailed document of compliance. The complete compliance information and use instructions can be obtained by contacting Saint-Gobain.

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Part Number	ID	Wall Thickness	OD	Length
	(mm)	(mm)	(mm)	(meters)
ABX6FB001-C	0.5	1.0	2.5	50
ABX6FB002-C	1.0	1.0	3.0	50
ABX6FB003-C	1.5	0.75	3.0	50
ABX6FB004-C	2.0	1.0	4.0	50
ABX6FB005-C	2.0	1.75	5.5	50
ABX6FB006-C	2.0	2.0	6.0	50
ABX6FB007-C	3.0	1.0	5.0	25
ABX6FB008-C	3.0	1.25	5.5	25
ABX6FB009-C	3.0	1.5	6.0	25
ABX6FB010-C	3.0	2.0	7.0	25
ABX6FB011-C	4.0	1.0	6.0	25
ABX6FB012-C	4.0	1.5	7.0	25
ABX6FB013-C	4.0	2.0	8.0	25
ABX6FB014-C	4.0	3.0	10.0	25
ABX6FB015-C	5.0	1.0	7.0	25
ABX6FB016-C	5.0	1.5	8.0	25
ABX6FB017-C	5.0	2.0	9.0	25
ABX6FB018-C	5.0	2.5	10.0	25
ABX6FB019-C	6.0	1.0	8.0	25
ABX6FB020-C	6.0	1.5	9.0	25
ABX6FB021-C	6.0	2.0	10.0	25
ABX6FB022-C	6.0	3.0	12.0	25
ABX6FB023-C	7.0	1.5	10.0	25
ABX6FB024-C	7.0	2.0	11.0	25
ABX6FB025-C	7.0	2.5	12.0	25
ABX6FB026-C	7.0	3.0	13.0	25
ABX6FB027-C	8.0	1.5	11.0	25
ABX6FB028-C	8.0	2.0	12.0	25
ABX6FB029-C	8.0	3.0	14.0	25
ABX6FB030-C	8.0	4.0	16.0	25
ABX6FB031-C	8.5	1.75	12.0	25
ABX6FB032-C	9.0	2.0	13.0	25
ABX6FB033-C	10.0	2.0	14.0	25
ABX6FB034-C	10.0	3.0	16.0	25
ABX6FB035-C	10.0	4.0	18.0	25
ABX6FB036-C	10.0	6.5	23.0	25
ABX6FB037-C	12.0	1.75	15.5	25
ABX6FB038-C	12.0	2.5	17.0	25
ABX6FB039-C	15.0	3.0	21.0	25
ABX6FB040-C	18.0	3.0	24.0	10
ABX6FB041-C	20.0	3.5	27.0	10
ABX6FB042-C	25.0	5.0	35.0	10
ABX6FB043-C	30.0	5.0	40.0	10
ABX6FB044-C	40.0	5.0	50.0	10
ABX6FB045-C	50.0	5.0	60.0	10

Typical Physical Properties

Property	ASTM Method	Value or Rating
Durometer Hardness (Shore A)	D2240-02	61 ±4
Color	-	Translucent
Tear Resistance (N/mm)	D1004-94	22.3
Specific Gravity	D792-00	1.16
Compression Set Constant Deflection (%) at 70°C (158°F) for 22 hrs.	D395-01 B	26
Maximum Recommended Operating Temperature °C (°F)	—	-50°(-58°) to 200°C (392°F)
Tensile Strength (MPa)	D412-98	11.2
Ultimate Elongation (%)	D412-98	532

Unless otherwise noted, all tests were conducted at room temperature 72°F (22°C). Values shown were determined on 0.075" (1.905 mm) thick extruded strip or 0.075" (1.905 mm) thick molded ASTM plaques or molded ASTM durometer buttons.

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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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