

VERSILON™
Fluid Performance



Versilon™ TR-1055

High-Performance Chemical Dispensing Tubing

Unique Combination of Properties

Specially formulated for peristaltic pump applications, Versilon™ TR-1055 resists cracking due to the unique properties of flexibility and chemical resistance. Providing the ability to withstand repeated flexing and bending while maintaining flow rate stability over the lifetime of the product makes Versilon™ TR-1055 a unique offering within the Saint-Gobain portfolio. Additionally, its black color makes it a good choice for transfer of light sensitive fluids.

Engineered for excellent performance and on-the-job reliability, Versilon™ TR-1055 allows customers to use one product for a wide range of peristaltic pumping applications without the use of multiple tubings. For the complete listing of common chemicals and their relative effect on Versilon™ TR-1055 tubing, please refer to the Cleaning Chemicals Tubing Selection Guide.

Features and Benefits

- Chemically resistant
- Abrasion resistant
- Excellent flexural fatigue resistance
- UV light resistant

Typical Applications

- Laundry and warewash chemical dispensing
- Abrasive and viscous slurry transfer
- Soap and disinfectant dispensing
- Caustic chemical dispensing
- Instrument control lines
- Ozone
- Brake fluid
- Peristaltic pumping
- Process monitoring equipment

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Versilon™ TR-1055 Tubing

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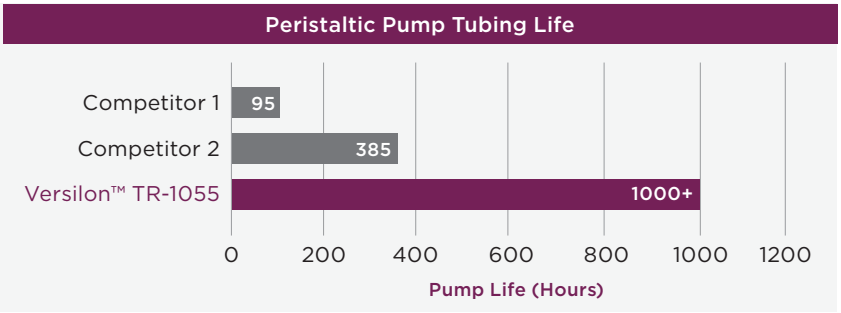
Versilon™ TR-1055

Part Number	ID		OD		Wall Thickness		Length	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(ft)	(m)
A0E00027	5/16	7.9	1/2	12.7	3/32	2.4	50	15.2
A0E00270	3/8	9.5	5/8	15.9	1/8	3.2	50	15.2
A0E00241	1/4	6.4	7/16	11.1	3/32	2.4	50	15.2

Typical Physical Properties

Property	ASTM Method	Value or Rating
Durometer Hardness, (Shore A)	D2240	55
Tensile Strength, psi (MPa)	D412	1500 (10.3)
Ultimate Elongation, %	D412	650
Tear Resistance, lb-f/inch (kN/m)	D1004	200 (35)
Specific Gravity	D792	1.11
Max. Recommended Operating Temperature °F (°C)	-	250 (121)
Color	-	Black

Unless otherwise noted, all tests were conducted at room temperature (73°F). Values shown were determined on 0.075" thick extruded strip or 0.075" thick molded ASTM plaques or molded ASTM durometer buttons.



The performance of tubing in peristaltic pumping applications is affected by the conditions of use and equipment utilized, along with size and wall thickness of the tubing tested. The data above is presented for information only and should not be utilized for specification purposes.

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Saint-Gobain Performance Plastics

2664 Gilchrist Road
Akron, OH 44305

1-800-798-1554
Tel: (330) 798-9240
Fax: (330) 798-6968

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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