

VERSILON™ MUS-1000 TUBING

TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES

Property	ASTM Method	Value or Rating
Durometer Hardness (Shore D), 15s	D2240	56
Tensile Strength, psi (MPa)	D638	4,350 (30)
Ultimate Elongation, %	D638	325
Flexural Modulus, ksi (GPa)	D790	85 (0.586)
Minimum Continuous Operating Temperature, °F (°C)	-	-400 (-240)
Maximum Continuous Operating Temperature, °F (°C)	-	400 (205)
Specific Gravity	D792	2.14
Color	-	Clear
Surface Smoothness, microns (1/4" x 3/8" tubing)	-	1.7
UV Transmission, % @ 254 nm (0.008" thickness)	-	86
Refractive Index	D-542	1.34
UL Flammability	UL 94	V-0

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.

RELATIVE CHEMICAL RESISTANCE PROPERTIES*

Acids			Bases			Salts	Alcohols	Ketones
conc.	med.	weak	conc.	med.	weak			
E	E	E	E	E	E	E	E	E
Aliphatic Hydrocarbons			Aromatic Hydrocarbons			Halogenated Hydrocarbons		
E			E			E		

E = Excellent F = Fair U = Unsatisfactory

*All tests conducted at room temperature.



Saint-Gobain Performance Plastics Corporation
 210 Harmony Road, Mickleton, NJ 08056
 856-423-6630
www.ics.saint-gobain.com



IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics tubing for all intended uses. Laboratory and clinical tests must be conducted in accordance with applicable regulatory requirements in order to determine the safety and effectiveness for use of tubing in any particular application.

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