

Saint-Gobain COHRLastic[®] 1010 General-Purpose Electrical-Grade Silicone Coated Fabric

Category : Polymer , Thermoset , Silicone

Material Notes:

Description: Saint Gobain Performance Plastics CHR standard COHRLastic silicone coated fabrics, available from stock, have silicone rubber dispersion coated on both sides of fiberglass. They are thin and tough, dimensionally stable yet flexible. Their many applications include belting, vacuum blankets, thermal shielding and diaphragms. The 1000 series has superior electrical properties and good abrasion resistance, while the 3000 series has a smoother, more compressible coating for gasketing applications. SGPPL also has extensive special order capabilities. All data based on a 0.0038 inch test sample. Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-COHRLastic-1010-General-Purpose-Electrical-Grade-Silicone-Coated-Fabric.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.468 g/cc	1.468 g/cc	Woven Density

Mechanical Properties	Metric	English	Comments
Elongation at Break	<= 10 %	<= 10 %	ASTM D374
Flexural Strength	2.07 MPa	300 psi	Burst Strength
Tear Strength Test	10	10	lbm Strength in Fill/Transverse direction
	13.2	13.2	lbm, for strength in Warp/Longitudinal direction
Tear Strength	21.0 kN/m	120 pli	Fill/Transverse direction
	21.0 kN/m	120 pli	Warp/Longitudinal direction; ASTM D1000

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 Â°C	500 Â°F	
Minimum Service Temperature, Air	-53.9 Â°C	-65.0 Â°F	

Descriptive Properties	Value	Comments
Color	White	
Thread Count (Fill)	58	
Thread Count (Warp)	60	
Weight (oz/yd ²)	11	

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