

## Saint-Gobain Chemfab® q-GUARD® 18 Insulation Jacketing

Category : Ceramic , Glass , Glass Fiber

**Material Notes:**

Description: q-GUARD® is a thermally durable and fire-safe composite developed specifically for use with removable and reusable insulation systems. Based upon PTFE fluorocarbon resins and fiberglass, it offers exceptional thermal and chemical protection to insulation systems used in a wide variety of applications in process industries. PTFE has exceptional flame resistance and minimal smoke generation, making q-GUARD® exceed in quality over all coated fabrics available for insulation jacketing. q-GUARD® readily resists contamination by aqueous and oily fluids and will retain its good appearance in many tough industrial environments for long periods of time. Incidental surface soil may be readily removed, if desirable, with little effort due to the non-stick character of the surface. Features heat sealability for cost effective modifications or repairs; Non stick surface for clean, contamination resistant surface; PTFE polymer (One sided coating) is flame retardant, low smoke, low fuel, passes UL-214 vertical burn. All data based on a 0.015 inch test sample. Information provided by Saint Gobain Performance Products.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Saint-Gobain-Chemfab-q-GUARD-18-Insulation-Jacketing.php](http://www.lookpolymers.com/polymer_Saint-Gobain-Chemfab-q-GUARD-18-Insulation-Jacketing.php)

Physical Properties	Metric	English	Comments
Density	1.513 g/cc	0.05465 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Tear Strength Test	40	40	Lbs./In. Propagation Tear Strength in fill/transverse direction
	60	60	Lbs./In. for warp/longitudinal Propagation Tear Strength
Tear Strength	57.0 kN/m	325 pli	Tensile Strength (Fill)
	70.1 kN/m	400 pli	Tensile Strength (Warp)

Descriptive Properties	Value	Comments
Color	Gray	
Weight (oz/yd <sup>2</sup> )	17	

## Contact Songhan Plastic Technology Co.,Ltd.

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