

Saint-Gobain Chemlam® Silver 12 Wear Resistant Industrial Laminate

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Description: The Chemlam® Silver series is the wear resistant line of Chemfab® industrial laminates. Chemlam® Silver composites feature uniform thickness, multi-layer cast PTFE films laminated to fiber glass reinforcements. Chemfab® laminates outperform traditional PTFE-coated products of similar weight and thickness. **FEATURES:** PTFE cast barrier film surface, crack and pinhole free: Outperforms simple PTFE-coated materials; long-lasting release properties make cleaning easier; low wicking of product into fabric extends useful life. **Uniform film thickness over entire surface:** Lamination eliminates the possibility of thin spots found in coated materials, which often lead to their premature failure. **Bi-colored laminate:** Attractive silver top surface is similar in appearance to PTFE cookware; natural (clear) rear surface can be used for inspection of belt condition and for backlighting through the belt. **High temperature fabrics:** Designed for thermal cycling and harsh chemical applications, including cooking and plastic processing. **FDA Compliant:** Suitable for use in direct food contact applications under the applicable requirements of 21CFR177.1550. All data based on a 0.0112 inch test sample. Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-Chemlam-Silver-12-Wear-Resistant-Industrial-Laminate.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.145 g/cc	2.145 g/cc	Woven Density

Mechanical Properties	Metric	English	Comments
Tear Strength Test	7.0	7.0	Lbs./In. Propagation Tear Strength in fill/transverse direction
	9.0	9.0	Lbs./In. for warp/longitudinal Propagation Tear Strength
Tear Strength	39.4 kN/m	225 pli	Fill/Transverse direction
	57.0 kN/m	325 pli	Warp/Longitudinal direction

Descriptive Properties	Value	Comments
Color	Silver/Natural	
Weight (oz/yd ²)	18	

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