

Saint-Gobain Chemlam[®] XF-900 Fully Sintered PTFE Coated, Flexible, Non-porous Fluoropolymer Laminated Composite

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Description: Chemlam[®] is the trademark for the Chemfab[®] family of flexible, non-porous fluoropolymer laminated composites that combine the features of multi-layer fluoropolymer cast films with the mechanical properties of fiber glass reinforced fabric. The XF product line features a fully sintered PTFE surface with excellent barrier properties. These high-performance fluoropolymer composites are designed for severe thermal cycling and chemical applications. The XF products are designed to excel in food contact applications. 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. 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 0.0115 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-XF-900-Fully-Sintered-PTFE-Coated-Flexible-Non-porous-Fluoropolymer-Laminated-Composite.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.089 g/cc	2.089 g/cc	Woven Density

Mechanical Properties	Metric	English	Comments
Tear Strength Test	6.5	6.5	Lbs./In. Propagation Tear Strength in fill/transverse direction
	8.5	8.5	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	Black/Black	
Weight (oz/yd ²)	18	

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