

CORETECH® CPI16*

CPI16 is a flexible, non-porous fluoropolymer laminated CORETECH® composite that combines the features of multi-layer fluoropolymer cast films with the mechanical properties of fibreglass-reinforced fabric. It is laminated on both sides with black, multi-layer, static dissipative, fluoropolymer cast film with a fully sintered PTFE surface for low friction, flame resistance and chemical barrier properties. This construction ensures low permeation rates, high strength and flexibility for ease of handling as well as good anti-static properties to prevent explosion hazards.

CORETECH® CPI16 typically gives excellent performance in harsh environments such as chemical processing where it is used as a barrier membrane.

Typical Properties

Property	Value	Test Method
Width	1525 mm	-
Weight	700 g/m ²	FTMS 191A-5041
Thickness	0.355 mm	FTMS 191A-5030
Tensile Strength	600 x 420 N/cm	FTMS 191A-5102
Trap Tear Strength	130 x 135 N	FTMS 191A-5136
Colour of Cast Film	Black/Black	-
Surface Resistivity	<1 x 10 ⁶ Ω/sq	ASTM D257-78
Temperature Resistance	-150 to +260°C	-

* Formerly Chemlam CPI-16
The 1525mm wide product has a 20mm film overlap running vertically through the roll.

Saint-Gobain Performance Plastics
701 Daniel Webster Highway
Merrimack, NH 03054
Customer Service: +1 800 451 6101
Telephone: +1 603 424 9000

protectivesystems@saint-gobain.com

www.coretechprotection.com

CORETECH® is a registered trademark ©2017 Saint-Gobain Performance Plastics Corporation

NOTE: Saint-Gobain Performance Plastics Corporation does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or of any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.

Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s). SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Valid 06/2017 • Supersedes all previous versions
PDS.CTCP116.0617.EU.CFMC

