

CORETECH® CPI10*

CPI10 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® CPI10 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	490 g/m ²	FTMS 191A-5041
Thickness	0.255 mm	FTMS 191A-5030
Tensile Strength	450 x 330 N/cm	FTMS 191A-5102
Trap Tear Strength	75 x 80 N	FTMS 191A-5136
Colour of Coated Side	Black/Black	-
Surface Resistivity	<1 x 10 ⁶ Ω/sq	ASTM D257-78
Temperature Resistance	-150 to +260°C	-

* Formerly Chemlam CPI-10

The 1525mm wide product has a 20mm film overlap running vertically through the roll.

Saint-Gobain Performance Plastics
Kilrush Business Park,
Kilrush, Co. Clare, V15 NW27
Telephone: +353 65 90 80 170

chemfab@saint-gobain.com

www.coretechprotection.com

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Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics 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.

Saint-Gobain Performance Plastics 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). Nothing in this disclaimer limits Saint-Gobain Performance Plastics' liability for death or personal injury due to its negligence

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