



## CrossFilm™ Technology

### CROSS-PATTERN LAMINATED PTFE FILM FOR USE IN EXTREME ENVIRONMENTS

CrossFilm™ is an all-PTFE material with exceptional flexing and tear resistance capabilities that far exceed those of other PTFE products.

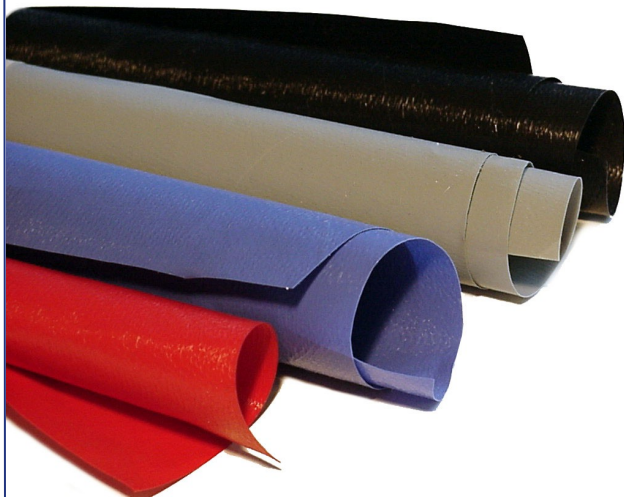
Because this is an all-PTFE product with excellent mechanical capability, no compromising reinforcement that can be chemically attacked is needed.

Regardless of chemical exposure, CrossFilm™ eliminates concern for corrosive attack. This has been proven in

laboratory and industrial service where, in all cases and regardless of chemical environment, CrossFilm™ has retained all of its physical properties.



### The Technology Behind CrossFilm™



The technology that circumvents inherent shortcomings in conventional perfluoroplastic materials utilizes a cross-pattern lamination process containing oriented PTFE film. The cross-pattern will typically incorporate 0.003”(0.08 mm) or 0.004”(0.10 mm) film plies. On occasion, thinner plies will be stacked to create thicker plies, such as 0.009”(0.23 mm) or 0.010”(0.25 mm) plies, for the laminate design. The proprietary process produces a material with exceptional 360° tear strength and durability. Because CrossFilm™ consists solely of PTFE resins, the product is considered chemically inert and can be used in temperatures ranging from -425°F (-254°C) to 600°F (316°C).

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TEXTILES COATED INTERNATIONAL | Manufacturer of High-Performance Fluoropolymer Films, Laminates, and Composites

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