



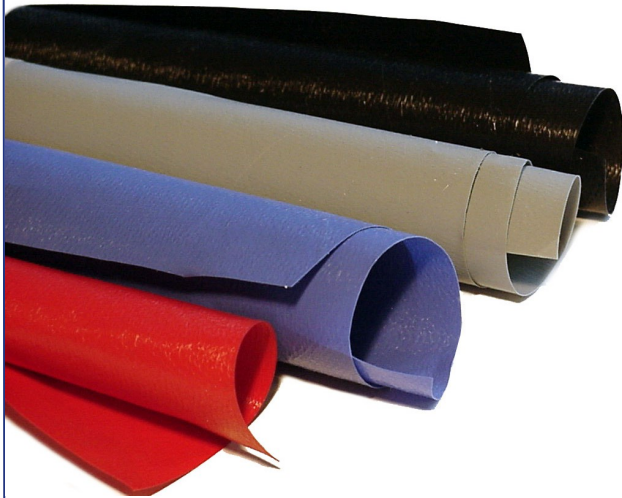
CrossFilm™ Technology

CROSS-PATTERN LAMINATED PTFE FILM FOR USE IN EXTREME ENVIRONMENTS

CrossFilm™ is an all-PTFE material that is flexible, resists tearing and has superior flexing capabilities compared to 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 chemical 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 3 mil or 4 mil film plies. On occasion, thinner plies will be stacked to create thicker plies, such as 9 mil or 10 mil 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 -100° F (-73°C) to 600°F (316°C), depending upon the thickness of CrossFilm™ used.



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