

CS Hyde Company

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PRODUCT INFORMATION

50-X Series PTFE (Teflon®) coated fiberglass fabric

Product Description:

The Premium Grade fabric series is a multi-purpose material that has a slick, non-stick surface. This material is constructed of a PTFE (Teflon®) coated woven fiberglass substrate. The 50-X Series exhibits exceptional release properties and high resistance to heat, chemicals and moisture. PTFE fluorocarbon resin is one of the most chemically inert materials available. It is also highly resistant to wear, tear, cut through and breakage, even under conditions of extreme temperature and pressure.

Performance & Application Information:

These products are designed for applications requiring a quick release/non-stick surface and/or high operating temperatures (-240°F to 500°F). Applications include: heat sealing platen and element covers, lamination release covers, shrink wrapping, blister packing, plastic bag manufacturing, chute liners, commutator insulation, slot liners, cable & conductor wrapping and many more.

TYPICAL PROPERTIES

	50-3X	50-5X	50-6X	50-10X	50-13X
Nominal Thickness (in.)	.003	.005	.006	.010	.013
Nominal Weight (oz./yd ²)	4.4	8.0	9.40	15.9	20.0
Dielectric Strength (volts/mil)	900	1100	1200	900	500
Resin Content (%)	68	61	67	62	58
Breaking Strength Warp (lbs./in.)	60	140	150	225	350
Breaking Strength Fill (lbs./in.)	50	140	150	175	250
Trapezoidal Tear Warp (lbs.)	2	4	4	10	10
Trapezoidal Tear Fill (lbs.)	1	4	4	8	10

*The above values are "Typical Values" which have a nominal range about them and are not intended for specification purposes.
Teflon® is a registered trademark of DuPont.