

CS Hyde Company

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PRODUCT INFORMATION

54-SERIES
Tear Resistant Grade PTFE
(Teflon®) coated Fiberglass
Fabric

PRODUCT DESCRIPTION

The 54 Series fabric is a Tear Resistant grade material that has a non-stick surface. This material is constructed of a PTFE (Teflon®) coated woven fiberglass substrate and a proprietary additive for flexibility. The 54 Series exhibits excellent release properties and high resistance to heat. Ideal for applications that require a minimal mechanical impression and excellent flexibility. This material is also FDA compliant (21 CFR177.1550).

APPLICATION INFORMATION

These products are designed for applications requiring cost effective solutions. This material can operate in temperatures from -100°F (-73°C) to 550°F under dynamic conditions (288°C). This product series has the benefits of dimensional stability, durability, excellent tensile strength and extremely low elongation (<1%). Applications include: Impulse/L-Bar sealing, heat transfer presses, rubber curing presses, vacuum bagging, protective curtains, release sheets and many more.

PHYSICAL PROPERTIES

	54-3	54-5	54-6	54-10	54-28
Nominal Thickness (in.)	.003	.005	.006	.010	.028
Nominal Weight (lb./yd ²)	.27	.48	.54	.94	Proprietary
Tensile Warp(lbs/sq in)	56	100	100	200	Proprietary
Edge Tear Warp (grams)	760	1600	1600	2800	>6400
Edge Tear Fill (grams)	500	1400	1400	2200	>6400
Tensile Fill (lbs/sq.in)	32	112	112	160	Proprietary

*The above values are "Typical Values" which have a nominal range about them and are not intended for specification purposes.