

CS Hyde Company

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PRODUCT INFORMATION

53 Series
Mechanical Grade PTFE
(Teflon®) coated fiberglass
fabric

Product Description:

The 53 Series fabric is a Mechanical grade material that has a textured, non-stick surface. This material is constructed of a PTFE (Teflon®) coated woven fiberglass substrate. The 53 Series exhibits moderate release properties and high resistance to heat. Ideal for applications that require a mechanical impression that can be transferred to a seal where surface texture is required. This material is also FDA compliant (21 CFR177.1550).

Performance & 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.

TYPICAL PROPERTIES

	53-3	53-5	53-6	53-8	53-10	53-14
Nominal Thickness (in.)	.003	.005	.006	.008	.010	.014
Nominal Weight (lb./yd ²)	.20	.37	.48	.66	.80	1.10
Tensile Warp(lbs/in. of width)	56	100	100	200	200	320
Edge Tear Warp (grams)	380	800	800	1400	1400	3700
Edge Tear Fill (grams)	250	700	700	1100	1100	3200
Tensile Fill (lbs/sq.in)	32	112	112	160	160	232

*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.