CS Hyde Company

39655 N IL Route 83
Lake Villa, IL 60046
Ph. 847-395-0325 Fax 847-395-0334
sales@cshyde.com / www.cshyde.com

PRODUCT INFORMATION

52 Series
PTFE (Teflon®) coated fiberglass fabric

Product Description:

The 52 Series fabric 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 52 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. This material is also FDA compliant (21 CFR177.1550).

Performance & Application Information:

These products are designed for applications requiring a quick release/non-stick surface. 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: 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, belting and many more.

TYPICAL PROPERTIES

	52-3	52-5	52-6	52-8	52-10	52-14	52-19
Nominal Thickness (in.)	.003	.005	.006	.008	.010	.014	.019
Nominal Weight (lb./yd²)	.27	.48	.54	.94	.94	1.25	Proprietary
Tensile (lbs/in. of width)	56	100	100	200	200	320	Proprietary
Edge Tear Warp (grams)	380	800	800	1400	1400	3700	>6400
Edge Tear Fill (grams)	250	700	700	1100	1100	3200	>6400
Tensile Fill (lbs/sq.in)	32	112	112	160	160	232	Proprietary

e

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