



DATA SHEET

8539 Soft Knit Light 180 Transfer FR

100% polyester warp knitted with DTY(low stretch yarn), 2-bar, 180 gsm (5.3 oz), bleached, stabilized and lightly coated for heat transfer printing. Available in widths up to 3.2 m, nominal roll length 100 m. Excellent choice for event, flags, indoor and outdoor banner. Not for use with solvent, eco-sol, UV, or latex printers.

USEFUL INFORMATION

Parameter	Test Method	Value
Support Material	DIN 60001	100% polyester warp knitted with DTY, 2-bar
Caliper		180 gsm (5.3 oz)
Yarn		FDY-75D (36F)/ DTY-75D (72F)
Structure		14 x 24
Shrinkage MD	ISO 9866.2	≤1%
Shrinkage CD	ISO 9866.2	≤1%
Elasticity MD	ASTM D 2594	≤15%
Elasticity CD	ASTM D 2594	≤5%
Breaking Strength MD	ISO 13934.1-2013	391N (88lbs)
Breaking StrengthCD	ISO 13934.1-2013	723N (163N)
Tearing Strength MD	ISO 13937.2-2000	19N (4lbs)
Tearing StrengthCD	ISO 13937.2-2000	17N (4lbs)
Opacity		57%
Flame Resistance		NFPA-701
Recommend Fixation Temp		190-200 °C; 50-70 S
Printing		Heat Transfer

APPLICATION COMPATIBILITY

Parameter	Range	Other Factors
Typical Applications	Events, Banner Indoor and Outdoor Flags, Trade Show, Display	
Durability	Depends on conditions, approximately 6 mos outdoor, 12 months indoor	
Print Technology	Heat Transfer	Work temperatures < 220 Celcius
Standard Widths	up to 126"	Minimum Order quantities advised at time of order

The information above is derived from internal testing by our company and based on information received from our suppliers. The values shown are for reference only, and are provided without guaranty and do not constitute a warranty, expressed or implied. The purchaser should determine, prior to use, the suitability of this material for his/her specific purpose. Data represents and average and is not intended for use as a specification.

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