

CMTX8540 Soft Knit Light 180 DDS FR

100% polyester warp knitted with DTY(low stretch yarn), 2-bar, 180 gsm (5.3 oz), bleached, stabilized and lightly coated for direct dye-sublimation 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, Direct Dye-sub

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, Direct Dye-sub	Work temperatures < 220 Celcius
Standard Widths	up to 126"	Minimum Order quantities advised at time of order

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