



## DATA SHEET

### 8534 Heavy Knit 300 DDS FR

100% Polyester knitted Heavy fabric, 300 gsm (8.9 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 indoor banner, trade show backlit and display.

### USEFUL INFORMATION

Parameter	Test Method	Value
Support Material	DIN 60001	100% Polyester fabric textured 3 bar warp knit
Caliper		300 gsm (8.9 oz)
Yarn		FDY-75D(36F)/DTY-75D(72F)
Structure		14 x 21
Shrinkage MD	ISO 9866.2	≤0.6%
Shrinkage CD	ISO 9866.2	≤0.6%
Elasticity MD	ASTM D 2594	≤2.6%
Elasticity CD	ASTM D 2594	≤1.6%
Breaking Strength MD	ISO 13934.1-2013	460 N (103lbs)
Breaking StrengthCD	ISO 13934.1-2013	1582N (356lbs)
Tearing Strength MD	ISO 13937.2-2000	26N (5.85lbs)
Tearing StrengthCD	ISO 13937.2-2000	52.5N (11.8lbs)
Opacity		64%
Flame Resistance	NFPA-701	NFPA-701
Recommend Fixation Temp		190-200 °C; 50-70 S
Printing		See below.

### 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	Direct Dye-Sublimation. UV*, Latex** and Heat transfer***. *Compatible with most flexible UV inks. <b>Test first.</b> ** There is no warranty for printing with Latex inks, however this has proved suitable for some applications. Latex will have low crocking scores on textiles and is not suitable for all applications. <b>Test first.</b> ***May cause smoke.	
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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