



DATA SHEET

8542 PolyKnit Blackback 270 DDS FR

100% polyester warp-knit with foamed blackback, 270 gsm (8 oz), bleached, stabilized and lightly coated with a PVC-Free for direct dye-sublimation printing. Available in width up to 3.2 m, nominal roll length 100 m. Excellent choice for trade show, display, indoor and outdoor banner, and banner stand. Not for use with solvent, eco-sol, UV, or latex printers.

USEFUL INFORMATION

Parameter	Test Method	Value
Support Material	DIN 60001	100% polyester warp-knit with foamed blackback
Caliper		270 gsm (8 oz)
Yarn		FDY-55D (24F) /DTY-50D (72F)
Structure		13x38
Shrinkage MD	ISO 9866.2	≤0.67%
Shrinkage CD	ISO 9866.2	≤0.67%
Elasticity MD	ASTM D 2594	≤2.8%
Elasticity CD	ASTM D 2594	≤2.0%
Breaking Strength MD	ISO 13934.1-2013	470N (106lbs)
Breaking StrengthCD	ISO 13934.1-2013	812N (182.5lbs)
Tearing Strength MD	ISO 13937.2-2000	16.5N (3.7lbs)
Tearing StrengthCD	ISO 13937.2-2000	18.5N (4.2lbs)
Opacity		100%
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, Banner Stand	
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

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.

New Concept Supply LLC / 2900 Meacham Blvd / Fort Worth, TX 76137