



## DATA SHEET

### 8544 Power Stretch 270 DDS FR

15/85 Spandex/polyester warp-knitted fabric with great stretch in both directions, 270 gsm (8 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 banners, pennants, tear-drops. Not for use with solvent, eco-sol, UV, or latex printers.

### USEFUL INFORMATION

Parameter	Test Method	Value
Support Material	DIN 60001	15/85 Spandex/polyester warp-knitted fabric
Caliper		270 gsm (8 oz)
Yarn		17%Spandex/83%Polyester; 150Dx150D
Structure		28.5x12.5
Shrinkage MD	ISO 9866.2	≤0.67%
Shrinkage CD	ISO 9866.2	≤0.67%
Elasticity MD	ASTM D 2594	≤48%
Elasticity CD	ASTM D 2594	≤16%
Breaking Strength MD	ISO 13934.1-2013	482N (109lbs)
Breaking StrengthCD	ISO 13934.1-2013	788N (177lbs)
Tearing Strength MD	ISO 13937.2-2000	41N (9.2lbs)
Tearing StrengthCD	ISO 13937.2-2000	38N (8.5lbs)
Opacity		68%
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, 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

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