

TECHNICAL DATA SHEET

Ultralon® 5

Description:

Ultralon® 5 is a heavy, durable, white, flexible backlit substrate for long term use readily available in different widths from 3'7" to 16'4" (1.09m to 5m). Tear and fade resistant, it will withstand all types of weather conditions and is structured for 7 year outdoor use. Ultralon® 5 is best suited for backlit signs and billboards printed with solvent or UV inks, as well as warranted self-adhesive vinyl applications (joint warranty with Avery). It is also engineered for heat transfer and vinyl paint applications.

Physical Properties

The following information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. They are given without guaranty and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of this material for his/her specific purpose. (Data represents averages and is not intended for use as a specification.)

CHARACTERISTICS	TEST METHOD	METRIC	ENGLISH
Support Cloth	DIN 6001	Polyester	Polyester
Yarn dtex	DIN EN ISO 2060	1100 x 1100	1000 x 1000
Type of Coating	N/A	PVC	PVC
Total Weight	DIN EN ISO 2286-2	680 g/m ²	20 oz/yd ²
Width	DIN EN ISO 2286-1	1.09m, 1.37m, 1.68m 2.00m, 2.28m, 2.60m 3.20m, 3.81m, 5.00m	3'7", 4'6", 5'6" 6'6", 7'6", 8'6" 10'6", 12'6", 16'4"
Tensile Strength	ISO 53354	336 x 191 kgF/5cm	370 x 210 lbs/in
Tear Strength (warp/weft)	ISO 13937-2-2000	37.6 x 28.5 kgF/5cm	73 x 63 lbs
Flame Resistance	DIN 53353	NEPA 701, CA Fire Marshall, NYC (MEA)	
Low Temperature (No Crack at:)	ASTM D 2137	-40°C	-40°F
Fungus Resistance	ASTM G21	Treated	
RF Weldable (Heat Sealable)	DIN 53354	Yes	Yes



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