

TECHNICAL DATA SHEET

# Ultralon® IV

**Description:**

Ultralon® IV is an extremely durable, coated backlit substrate designed for long term (7 year) indoor or outdoor backlit signs and billboards available in seamless widths from 3'6" up to 16'4"(1.09m to 5m). Ultralon® IV is compatible with solvent and UV inks for digital printing, and it is the premier product for warranted self-adhesive vinyl film application, heat transfer and vinyl paints.

**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 <sup>2</sup>	20 oz/yd <sup>2</sup>
Width	DIN EN ISO 2286-1	1.09m, 1.37m, 1.68m 2.00m, 2.28m, 2.60m 3.20m, 3.81m, 5.00m	3'6", 4'6", 5'6" 6'6", 7'6", 8'6" 10'6", 12'6", 16'4"
Tensile Strength	ISO 53354	290 x 250 kgF/5cm	310 x 300 lb/in
Tear Strength (warp/weft)	DIN 53356	20 x 20 kgF/5cm	68 x 68 lbs
Flame Resistance	DIN 75200	NEPA 701, CA Fire Marshall, NYC (MEA)	
Low Temperature (No Crack at:)	ASTM D 2137	-40°C	-40°F
Fungus Resistance	ASTM G 21	Treated	
Puncture Resistance	N/A	Yes	Yes
RF Weldable (Heat Sealable)	DIN 53354	Yes	Yes



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