

# Technical Data Sheet

## UltraPoplin™ Crystal U170

UltraPoplin™ Crystal U170 is 5 oz. and is woven from 100% polyester with a glossy satin finish; it has a soft, silky touch and appearance. It has a slight diagonal stretch, is wrinkle and crease resistant and is compatible with UV and dye-sublimation printing. UltraPoplin Crystal U170 can be used for a wide range of indoor and short-term outdoor applications such as art reprographic, banners, displays, event/tradeshows graphics, theatrical and POS signage. Available widths range from 98” to 198”.

### Material Details

CHARACTERISTICS	TEST METHOD	METRIC	ENGLISH
Support Cloth	DIN 60001	100% PES Polyester	100% PES Polyester
Type of Coating	N/A	N/A	
Total Weight	DIN EN ISO 2286-2	170 g/m <sup>2</sup>	5.0 oz/yd <sup>2</sup>
Breaking Force [N/5cm]	DIN EN ISO 13934-1	Testing in progress	
Elongation at tear [%]	DIN EN ISO 13934-1	Testing in progress	
Tear Resistance [N/25mm]	DIN EN ISO 9073-4	Testing in progress	
Flame Resistance	DIN 4102	NFPA701,B1	
Character	N/A	Soft poplin weave with silky satin finish	
Added Value	N/A	Low creasing effect, wrinkle resistant	
RF Weldable (Heat Sealable)		Testing in progress	

### Applications

	Art Reprographic	Banners Indoor	Banners Outdoor	Displays	Flags	Theatrical	Tradeshows	Wall Covering
Applications	■	■	■	■		■	■	

### Ink Printability

Solvent	Eco Solvent	UV	Screen Printing	Dye Transfer	Dye Direct
		■	■	■	■

### Available Sizes

Metric (m)	English (inches)
2.50, 3.10, 5.05	98, 122, 198

The information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. A legally binding guarantee of specific properties is not to be inferred from our specifications. 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.)