

3M Panagraphics™ III Wide Width Flexible Substrate

Category : Polymer , Film

Material Notes:

22 mil white-pigmented vinyl substrate with a polyester scrim; Smooth front surface with a semi-gloss finish; Decorate first or second surface with inkjet direct printing or first surface with cut film before or after attaching to mounting devices; Wide, long widths available for seamless backlit signs; Medium to long-term durability; Cost effective
Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Panagraphics-III-Wide-Width-Flexible-Substrate.php

Physical Properties	Metric	English	Comments
Thickness	533 - 584 microns	21.0 - 23.0 mil	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	47.0 MPa	6820 psi	weft
	47.0 MPa	6820 psi	warp
Tear Strength	13.1 kN/m	75.1 pli	warp
	14.9 kN/m	85.1 pli	weft

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	70.0 °C	158 °F	
Minimum Service Temperature, Air	-5.50 °C	22.1 °F	

Optical Properties	Metric	English	Comments
Gloss	30 %	30 %	60°
Transmission, Visible	19 - 23 %	19 - 23 %	

Descriptive Properties	Value	Comments
Whiteness	>100	

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