

Chase & Sons® C1034 Separator Tape

CONSTRUCTION Polyphenylene Sulfide Film (PPS)

DESCRIPTION Chase & Sons® C1034 is a self-extinguishing flame, heat and chemical resistant transparent film of polyphenylene sulfide (PPS). This product is suitable for use as a separator tape in harsh environment applications where superior thermal and chemical resistance is essential.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00100"	0.025 mm	ASTM D374
Weight	6.2 lb/csy	33.7 g/m ²	Measured
Yield	16.1 sy/lb 0.57 lbs/mft @ 1" width	29.7 m ² /kg 0.34 kg/km @ 10mm width	Calculated
Tensile Strength	40000 psi	276 MPa	Calculated
Break Strength	40 lbs/1" width	70 N/10mm width	ASTM D882
Elongation	60%	60%	ASTM D882
Dielectric Breakdown	7.0 kV	7.0 kV	ASTM D149
Service Temperature	320 °F (mechanical) 390 °F (electrical)	160 °C (mechanical) 200 °C (electrical)	UL746B

GENERAL PROPERTIES

Color	Clear
Core	3" or 6" Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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