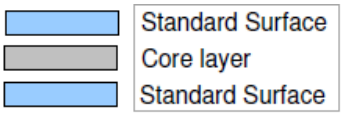
Transcendia
A LEADER IN CUSTOM ENGINEERED MATERIALS

ISO 9001 Certified Company
PERRY JOHNSON REGISTRARS, INC.

TRANSPET™ C-F

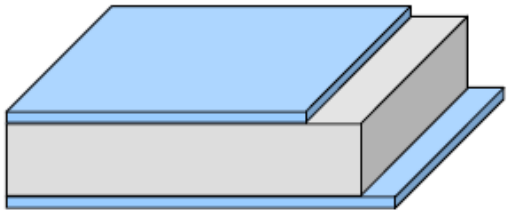
DESCRIPTION:

TRANSPET™ C-F Polyester film is designed as base film for high clarity Industrial applications like label, color proofing masking, lamination, overhead projection transparencies, engineering drawing, drafting, etc. It has good transparency, excellent machinability, sparkling gloss, flexibility and chemical resistance



CHARACTERISTICS:

- Good clarity and handling characteristics in metalizing Operations
- Excellent aesthetic quality as well as the optimum barrier to oxygen and moisture when metalized.
- UL Rated
- Manufactured with materials compliant with FDA regulations.



TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	12(48) Micron (Gauge)	23(92) Micron (Gauge)	36(144) Micron (Gauge)	50(200) Micron (Gauge)	75(300) Micron (Gauge)	100 (400) Micron (Gauge)	TEST METHOD
Thickness	Gauge	12 (48)	23 (92)	36 (144)	50 (200)	75 (300)	100 (400)	-
Yield	m^2/kg in^2/lb	- 42,200	31.1 (21,900)	19.9 (14,000)	14.3 (10,100)	9.5 (6,679)	7.1 (4,992)	-
Tensile Strength MD	psi	32,200	2000 (28.6)	2000 (28.6)	1900 (27.2)	1900 (27.2)	1800 (25.7)	ASTM D-882
Tensile Strength TD	psi	39,000	2100 (30.0)	2100 (30.0)	2000 (28.6)	2000 (28.6)	1900 (27.2)	ASTM D-882
Elongation at Break MD	%	110	140	140	150	150	160	ASTM D-882
Elongation at Break TD	%	70	130	130	140	140	150	ASTM D-882
Heat Shrinkage MD (150°C)	%	1.25	1.4	1.4	1.4	1.4	1.4	ASTM D-1204
Heat Shrinkage TD (150°C)	%	1.25	0.2	0.2	0.2	0.2	0.2	ASTM D-1204
Co-Efficient of Friction (A/B)								
Static	0.45	0.5	0.45	0.45	0.45	0.45	0.45	ASTM D-1894
Dynamic	0.40	-	0.40	0.40	0.40	0.40	0.40	
Surface Tension	Dyne/cm	-	42	42	42	42	42	ASTM D-2578
Haze	%	3.6	1.6	1.6	1.8	2.0	2.0	ASTM D-1003
Light Transmission	%	88.5	90	90	90	90	90	ASTM D-1003

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