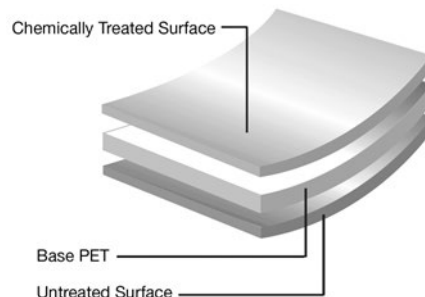


C1SC-F Polyester (PET) Film

DESCRIPTION

C1SC-F is a clear, polyester (PET) film that is chemically treated on one side and specifically suited for water-based inks and adhesives as well as metallization.

(Also available in 36 and 60 gauges.)



CHARACTERISTICS

- Often eliminates the need for priming
- Good clarity and handling characteristics in metallizing
- More suited for water-based inks, adhesives, and metallization than C1S-F

FDA STATUS

Manufactured with materials compliant with FDA regulations.

COMPLIANCE

Please visit <https://www.transcendia.com/compliance> for more compliance information.

TECHNICAL DATA

PROPERTIES		UNIT OF MEASURE	TYPICAL VALUE				TEST METHOD
Thickness		gauge	48	75	92	142	-
Yield (nominal)		in ² /lb.	41,850	26,432	21,835	13,950	-
COF (Static)		-	0.45	0.45	0.43	0.42	ASTM D1894
COF (Dynamic)		-	0.40	0.40	0.37	0.35	ASTM D1894
Tensile Strength	MD	psi	43,000	38,500	38,000	35,000	ASTM D882
Tensile Strength	TD	psi	38,000	38,000	37,000	34,000	ASTM D882
Elongation at Break	MD	%	110	130	135	140	ASTM D882
Elongation at Break	TD	%	115	115	120	125	ASTM D882
Haze		%	3.0	3.4	3.7	4.8	ASTM D1003
TLT		%	90.3	90.2	90.0	90.0	ASTM D1003
Gloss		%	160	160	160	157	ASTM D523
Heat Shrinkage	MD	%	2.0	1.7	1.6	1.5	150°C/30 min
Heat Shrinkage	TD	%	0.7	0.7	0.6	0.6	150°C/30 min
Surface Tension (Treated)		Dyne	56	56	56	56	ASTM D2578
Surface Tension (Plain)		Dyne	45	45	45	45	ASTM D2578

*All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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