

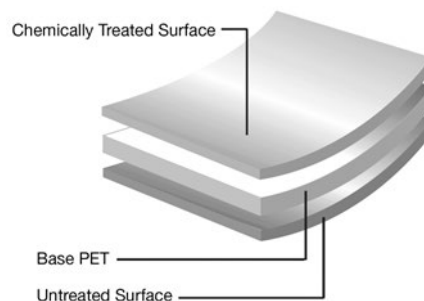
C1S-F Polyester (PET) Film

DESCRIPTION

C1S-F is a polyester (PET) film that is chemically treated on one side to provide enhanced adhesion to inks, coatings, and adhesives.

CHARACTERISTICS

- Often eliminates the need for priming
- Good clarity and handling characteristics in metallizing
- Offers excellent aesthetics when metallized.
- Excellent barrier to oxygen and moisture when used in metallized structures.



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	-
Coefficient of Friction		Static	0.41	0.38	0.36	0.35	ASTM D1894
Coefficient of Friction		Dynamic	0.40	0.40	0.40	0.30	ASTM D1894
Tensile Strength	MD	psi	31,000-41,000	31,000-40,000	31,000-36,000	31,000-34,000	ASTM D882
Tensile Strength	TD	psi	38,000-42,000	36,000-42,000	35,000-36,000	34,000-35,000	ASTM D882
Elongation at Break	MD	%	110	110	110	155	ASTM D882
Elongation at Break	TD	%	70	70	70	125	ASTM D882
Haze		%	2.5-3.6	3.4	3.9-6.0	4.7	ASTM D1003
TLT		%	90.3	90.3	90.0	89.8	ASTM D1003
Gloss		-	160	158	155	155	ASTM D2457
Heat Shrinkage	MD	%	2.0-3.5	1.8-3.5	1.6-3.5	1.6-3.5	150°C/30min
Heat Shrinkage	TD	%	1.0-3.5	0.9-3.5	0.8-3.5	0.8-3.5	150°C/30min

*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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