

CT1-F Polyester (PET) Film

DESCRIPTION

CT1-F is an uncoated polyester (PET) film that is corona treated on one side to provide superior wetting and adhesion of inks, primers and adhesives. It combines high strength and durability, good dimensional stability and excellent chemical resistance. (Also available in 32, 44, 60, 75, and 300 gauge.)

FDA STATUS

Manufactured with materials compliant with FDA regulations

COMPLIANCE

Please visit transcendia.com/compliance for more compliance information.

TECHNICAL DATA

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE						TEST METHOD
Thickness	Gauge	36	48	92	120	142	200	-
Yield	in ² /lb.	55,803	41,700	22,000	16,800	13,950	10,044	-
Tensile Strength MD	psi	29,900	27,000-43,000	27,000-38,000	2000	25,000-36,000	25,000-35,557	ASTM D882
Tensile Strength TD	psi	29,900	28,500-38,000	28,000-40,000	2100	28,500-35,557	28,500-35,557	ASTM D882
Elongation at Break MD	%	110	105-135	115-150	145	120-170	125-180	ASTM D882
Elongation at Break TD	%	100	70-140	80-140	140	90-140	90-140	ASTM D882
Haze	%	3.0	2.5-4.5	3.0-9.0	3.2	1.5-12	1.8-5.5	ASTM D1003
Heat Shrinkage MD	%	2.2	1.25-4.2	1.6-4.0	1.6	1.5-3.5	2.0-3.5	30 min at 150°C
Heat Shrinkage TD	%	.4	0.5-1.3	0.2-1.6	0.2	0.5-1.0	1	30 min at 150°C
Surface Tension (Treated Side)	Dyne	54	>52	>52	>42	>52	>52	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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