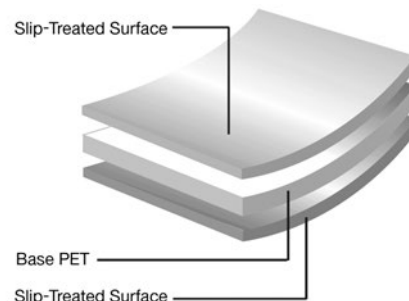


CS2A Polyester (PET) Film

DESCRIPTION

CS2A Polyester (PET) is an optically clear, two side slip treated film, with high clarity, high gloss, good dimensional stability, and excellent handling characteristics. Approved for archiving applications which include encapsulation of paper items in accordance with the Library of Congress Specification #500-500.



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	200	300	400	500	700	-
Yield	in ² /lb	10,044	6,696	5,643	4,018	2870	-
COF (Kinetic)	-	0.38-0.45	0.35-0.45	0.34-0.45	0.34-0.45	0.34	ASTM D1894
COF (Static)	-	0.45-0.50	0.42-0.50	0.41-0.50	0.41-0.50	0.50	ASTM D1894
TLT	%	90	90	90	90	88.9	ASTM D1003
Tensile Strength MD	psi	30,500	26,000	25,000	23,000	21,000	ASTM D882
Tensile Strength TD	psi	32,000	31,000	30,000	28,000	26,000	ASTM D882
Elongation at Break MD	%	160	185	190	210	250	ASTM D882
Elongation at Break TD	%	120-130	120-130	120-140	120-140	160	ASTM D882
Gloss	%	190	190	190	190	185	ASTM D 523
Heat Shrinkage MD	%	1.2-2.5	1.0-2.5	0.9-2.5	0.9-1.0	0.9	30 min at 150°C
Heat Shrinkage TD	%	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0	0.5	30 min at 150°C
Surface Tension Slip	Dyne	50	50	50	50	50	ASTM D2578
Surface Tension Plain	Dyne	45	45	45	45	45	ASTM D2578
Haze	%	0.50-1.0	0.50-1.0	0.50-1.3	0.50-1.7	2.40	ASTM D1003

*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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