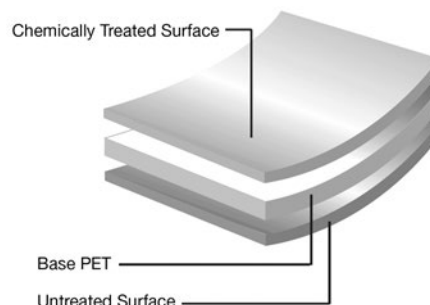# CAD1 Polyester (PET) Film

DESCRIPTION

CAD1 Polyester (PET) is an ultra-clear, glossy, one side chemically treated polyester film that provides enhanced adhesion for inks, coatings, and adhesives. Combines high durability, optical clarity, and balanced shrinkage for improved flatness after thermal processing.
(Also available in 92, 142, 265, 380, 460, 700 & 1000 gauge.)

CHARACTERISTICS

- Excellent color and clarity
- Adhesion promotion for solvent systems
- Exceptional handling
- Excellent flatness

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	-
Yield (nominal)		in²/lb	9,900	6,600	5,000	4,000	-
Yield Strength	MD	psi	13,500	13,500	13,500	13,500	ASTM D882
Yield Strength	TD	psi	13,500	13,500	13,500	13,500	ASTM D882
COF (Dynamic)		-	<0.7	<0.7	<0.7	<0.7	ASTM D1894
Tensile Strength	MD	psi	>25,000	>25,000	>25,000	>25,000	ASTM D882
Tensile Strength	TD	psi	>25,000	>25,000	>25,000	>25,000	ASTM D882
Elongation at Break MD		%	-	-	-	-	-
Elongation at Break TD		%	-	-	-	-	-
Haze		%	<1.0	<1.0	<1.0	<1.0	ASTM D1003
TLT		%	-	-	-	-	ASTM D1003
Gloss		%	-	-	-	-	ASTM D 523
Heat Shrinkage	MD	%	2.5	2.5	2.5	2.5	5 min at 190°C
Heat Shrinkage	TD	%	1.0	1.0	1.0	1.0	5 min at 190°C