

LASER TUFF® Biaxially Oriented Polyester (BOPET) Film

DESCRIPTION

Laser Tuff is a cavitated white biaxially oriented polyester (BOPET) film used in industrial, electronic, printing, imaging, specialty, and consumer products.

CHARACTERISTICS

- Pre-treated on both surfaces to promote ink and industrial coating adhesion
- Flexo, Gravure, Screen, Offset, Thermal Transfer and Laser Beam printable
- Compatible with conventional or solvent based inks, UV curable inks, water base Flexo inks and pencil writable
- Approximately 27% lighter than standard PET films
- Contains up to 40% post-consumer recycled polyester content
- Excellent base product for pressure sensitive labels, photographic printing paper, industrial tags, RFID tags, backlit signage, and POP applications
- Available in Sheets and Rolls
- Tear resistance
- Great dimensional stability
- Heat resistance up to 300°F

FDA STATUS

Manufactured with materials compliant with FDA regulations

COMPLIANCE

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

TECHNICAL DATA

PROPERTIES		TYPICAL VALUES			TEST METHOD
Gauges		5 mil	7.5 mil	10 mil	ASTM D374
Specific Gravity		1.1g/cm ³	1.1g/cm ³	1.1g/cm ³	ASTM D1505
Luminous Transmittance		5.20%	3%	1.50%	JIS K7105
Tensile Strength	MD	114 MPa	112 MPa	108 MPa	ASTM D882
	TD	129 MPa	118 MPa	118 MPa	
Elongation	MD	89%	84%	78%	JIS C2318
	TD	49%	50%	49%	
Thermal Shrinkage (150°C x 30 min.)	MD	1.30%	1.20%	1.20%	ASTM D1204
	TD	0.40%	0.80%	0.70%	
Surface Resistivity (log Ω)	F	11	11	11	JIS K6911
	B	11	11	11	
Color Hunter	L	93.4	94.9	92.6	JIS K8722
	A	-0.40%	-0.50%	-0.40%	
	B	1.2	1.5	1.2	

*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.

CORPORATE HEADQUARTERS

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