



# Transalloy® P-300 Multi-Polymer Alloy

**DESCRIPTION:**

P-300 is a Transalloy® sheet that is especially formulated for durability, high tear resistance and excellent impact strength for the most demanding applications. Its satin surface is specifically engineered for printing and provides superior performance on and off the press. P-300 is available in natural, white translucent, white opaque, and colors, in satin/matte or ultra gloss/matte finishes and in sheets and roll widths up to 65". Options include corona treatment and UVI inhibitors.

**CHARACTERISTICS:**

- Can be printed using flexo, offset and screen processes.
- Can be stapled, vacuum formed, grommeted, die cut, punched, hot or cold folded, perforated and glued.
- Environmentally friendly

**TECHNICAL DATA:**

PROPERTIES	TYPICAL VALUES	TEST METHOD
THICKNESS - tolerance is $\pm 5\%$ or .001 Maximum (whichever is greater)	.010" to .050"	T 411
YIELD	1300 in <sup>2</sup> /lb @ .020"	T 410
SPECIFIC GRAVITY	1.03 g/cm <sup>3</sup>	D 1505
TENSILE STRENGTH @ .020"	MD 2600 psi TD 2700 psi	D 882
ELONGATION @ .020"	MD 170% TD 290%	D 882
TEAR RESISTANCE @ .020"	INITIATED MD 1.1 lbs TD 1.3 lbs  UNINITIATED MD 6.6 lbs TD 7.5 lbs	D 1938  D 1004
WETTING TENSION	40 dynes/cm <sup>2</sup> minimum	T 698
STIFFNESS @ .020"	MD 64 Taber Units TD 84 Taber Units	

**NOTE: 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 tests. Transilwrap 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.**

