



# Trans-Kote<sup>®</sup> TXP/MR - Biodegradable Laminating Film

**DESCRIPTION:**

Trans-Kote<sup>®</sup> TXP/MR - Biodegradable laminating film is a non-oriented polyester-base film designed for high speed double-sided laminating.

**CHARACTERISTICS:**

- Ideal for laminating book jackets, posters, menus and maps, as well as a wide variety of commercial applications that demand excellent clarity and protection.
- Low-melt-point adhesive.
- Water, oil, acid, and alkali resistant.
- Can be die cut.
- Will biodegrade when disposed of in the natural environment (landfill or other microorganism-rich area as in ASTM D5209-91, ASTM D5338.98, and ASTM 5511). Expected range for this process is 9 months – 5 years.
- Does NOT measurably biodegrade from conventional product usage in open air or storage.

**TECHNICAL DATA:**

PROPERTIES		1/2	1/4	4/6	ASTM
THICKNESS ±10%		.003"	.005"	.010"	
SURFACE TENSION - dyne - adhesive side		44 to 52			
COEFFICIENT OF FRICTION OF BASE FILM SIDE					D 1894
TENSILE STRENGTH - psi ±10%	MD	2500	1520	3420	D 882
	TD	2600	1600	3550	
ELONGATION - %	MD	150	150	150	D 882
	TD	200	200	200	
YIELD - in2/lb		8760	5480	2575	
LAMINATING TEMPERATURE RANGE - °F - internal		230 to 250			
BOND STRENGTH - p/i - laminated to itself		4 to 6	6 to 8	10 to 12	

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.

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