

TRANS-KOTE® PET/MR LAMINATING FILM HEAVY GAUGE

DESCRIPTION:

TRANS-KOTE® PET / MR laminating film, heavy gauge is a high-clarity, abrasion-resistant polyester-base film designed for high speed single and double sided laminating. TRANS_KOTE® PET/MR, heavy gauge is a number of films that are 3 mils and thicker.

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.

TECHNICAL DATA:

PROPERTIES	UNIT	50/250	1/2	2/1	1/4	2/3	3/2	4/3	5/2	2/8	4/6	7/3	7/8	ASTM	
THICKNESS ±10%	inches	.003	.003	.003	.005	.005	.005	.007	.007	.010	.010	.010	.015	D 2103	
SURFACE TENSION - adhesive side	dynes/cm	44 to 52												D 2578	
COEFFICIENT OF FRICTION--BASE FILM SIDE	kinetic	0.45 to 0.55												D 1894	
TENSILE STRENGTH ±10%	MD	psi	4,320	8,280	15,075	4,970	12,000	18,000	17,140	21,420	6,000	12,000	21,000	14,000	D 882
	TD	psi	4,550	8,710	19,350	5,225	12,800	19,200	18,280	22,850	6,400	12,800	22,400	14,930	
ELONGATION	MD	%	90	90	110	90	110	120	120	120	110	120	130	130	D 882
	TD	%	80	80	85	80	100	110	110	110	100	110	120	120	
YIELD	in ² /lb	9,065	8,505	7,450	5,380	4,910	4,545	3,315	3,160	2,670	2,475	2,230	1,615	D 4321	
LAMINATING TEMPERATURE RANGE - internal	°F	210 to 230												---	
BOND STRENGTH – laminated to itself	lbf/in	7	10	10	18	15	15	20	15	15	20	15	20	---	

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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