

TAMPER-EVIDENT SECURITY TAPE

Box tape is a tamper evident laminate that "voids" when removed. Box Tape is designed for use on cardboard boxes in the packaging industry and other similar surfaces.

 Applications:

 • Bags
 • Retail Applications
 • Courier
 • Goods-in-transit
 • Postal
 • Banking

PREVENTION · PROTECTION · PEACE OF MIND





Tamper-Evident Tapes & Labels · Data Sheet





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TAMPER-EVIDENT BAG

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TECHNICAL SPECIFICATIONS

ROLL DATA

	Metric	Imperial
Material Width	50.8mm	2"
Roll Length	50m	164.04ft
Core I/D	76mm	3"

MATERIAL DATA

	Test Method	Metric	Imperial
Film		BOPP	BOPP
Thickness	n/a	5 0μ	0.00196″
Tensile strength (MD)	ASTM D 882 @ 50%/min	210 MN/m2	
Tensile strength (TD)	ASTM D 882 @ 50%/min	175 MN/m2	
Elongation at break (MD)	ASTM D 882 @ 50%/min	85%	85%
Elongation at break (TD)	ASTM D 882 @ 50%/min	105%	105%

ADHESIVE DATA				
Adhesive	Formulated hot melt	Formulated hot melt		
Adhesive thickness	40-60 gsm (~40-60 <u>μ)</u>	1.57 – 2.36 thou		
Softening point (Mettler drop point)	92ºC	197.6ºF		
SAFT	59ºC	138.9ºF		
Peel (20 min, glass)	35N / 25mm	309 inch pounds		
Peel (24 hours, glass)	37N / 25mm	327 inch pounds		
Tack (glass)	60N / 25mm	531		
Shear (25mm x 25mm, 23ºC, glass)	3 Days	3 Days (1″ x1″, 73.4ºF, glass)		
Shear (25mm x 25mm, 40ºC, steel)	1.5 hours	1.5 hours (1" x1", 104ºF, steel)		

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