

TECHNICAL DATA SHEET

DESCRIPTION

General purpose biaxially-oriented polypropylene (BOPP) film carton sealing manufactured with pressure sensitive Hot Melt adhesive.

Excellent processing performance whether manually or automatically applied. Superior adhesion properties, fast quick adhesion, high tensile strength, and easy unwind ensure consistent, reliable seals to a variety of corrugated and linerboard boxes.

PRODUCT APPLICATION

- Light (1.50) to Medium (1.90) weight box sealing applications
- Seals cartons in more severe manufacturing environments and for resealing of cartons that have already been taped
- Great shear strength and holding power

FEATURES

- Smooth, easy release from hand and machine rolls
- Ultra strong & durable polypropylene

	HM-2315 1.50 mil (23/15)	HM-2515 1.60 mil (25/15)	HM-3018 1.90 mil (30/18)
Adhesion to Steel (ASTM 3330)	33 oz/in (37 N/100 mm)	33 oz/in (37 N/100 mm)	40 oz/in (44 N/100 mm)
Tensile (Machine) (ASTM D3759)	16 lb / inch width (284N/100 mm)	18 lb / inch width (320N/100 mm)	22 lb / inch width (387N/100 mm)
Tensile (Cross) (ASTM D3759)	N/A	N/A	46 lb / inch width (827N/100 mm)
Elongation (ASTM D3759)	135%	135%	135%
Total Thickness	1.50 mils (0.38 mm)	1.60 mils (0.41 mm)	1.90 mils (0.48 mm)
Backing (BOPP)	0.91 mils (0.23 mm)	1.00 mil (0.25 mm)	1.18 mils (0.30 mm)
Adhesive	Hot Melt	Hot Melt	Hot Melt
Application Range	35 F to 95 F	35 F to 95 F	35 F to 95 F
Operating Range	20 F to 140 F	20 F to 140 F	20 F to 140 F
Colors	Clear	Clear	Clear
Sizes (Width)	48 mm	48 mm	48 mm / 72 mm
Sizes (Length)	110 yards	1500 yards	110 yards, 1350 yards
Storage	40 F to 80 F 40% to 55% Humidity	40 F to 80 F 40% to 55% Humidity	40 F to 80 F 40% to 55% Humidity
Shelf Life	18 months	18 months	18 months

NOMINAL VALUES

The following data are nominal values based on ASTM. This data may vary slightly from roll to roll. The values below have been created using averaged testing samples. We recommend the user test the product for their application, in their environment, to ensure 100% compliance.



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