DESCRIPTION

General purpose biaxally-oriented polypropylene (BOPP) film carton sealing manufactured with pressure sensitive Acrylic adhesive.

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

PRODUCT APPLICATION

• Light (1.77) to Heavy (2.30) weight box sealing applications

• Various bundling applications

• Great temperature range from freezer to dry hot climates

FEATURES

• Smooth, easy release from hand and machine rolls

• Ultra strong & durable polypropylene

• Underside reverse flexographic printing available for crystal clear graphics

TECHNICAL DATA SHEET

	AT-2322 1.77 Hand (23/22)	AT-3023 2.10 Machine (30/23)	AT-3028 2.30 Hand/Machine (30/28)
Adhesion to Steel (ASTM 3330)	24 oz/in (27 N/100 mm)	28 oz/in (30 N/100 mm)	31 oz/in (34 N/100 mm)
Tensile (Machine) (ASTM D3759)	18 lb / inch width (326N/100 mm)	22 lb / inch width (398N/100 mm)	22 lb / inch width (398N/100 mm)
Tensile (Cross) (ASTM D3759)	N/A	45 lb / inch width (808N/100 mm)	45 lb / inch width (808N/100 mm)
Elongation (ASTM D3759)	165%	165%	165%
Total Thickness	1.77 mils (0.045 mm)	2.10 mils (0.053 mm)	2.30 mils (0.058 mm)
Backing (BOPP)	0.92 mils (0.023 mm)	1.18 mils (0.030 mm)	1.18 mils (0.030 mm)
Adhesive	Acrylic	Acrylic	Acrylic
Application Range	32 F to 120 F	32 F to 120 F	32 F to 120 F
Operating Range	(-15 F to 150 F)	(-15 F to 150 F)	(-15 F to 150 F)
Colors	Clear	Clear	Clear, Security, Fragile
Sizes (Width)	48 mm	48 mm / 72 mm	48 mm / 72 mm
Sizes (Length)	110 yards	1350 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	24 months	24 months	24 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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A Universal Company

16 Stenersen Lane Suite 4B | Hunt Valley, MD 21030
www.incrediseal.com | sales@incrediseal.com
Customer Service: (410) 825-8300