

400 Hand Length

2.1 MIL MEDIUM GRADE ACRYLIC CST

INTERTAPE POLYMER GROUP TECHNICAL DATA SHEET

DESCRIPTION

Durable biaxially-oriented polypropylene (BOPP) film coated with high grade pressure-sensitive emulsion acrylic adhesive.

Best suited for reliable, all-temperature box sealing performance (less than 40°F and greater than 120°F) where resistance to aging, weathering, UV light, and yellowing are important. Provides excellent clarity, high shear strength to prevent “flagging,” superior quick-stick performance, and controlled unwind to facilitate dispensing on manual or automatic case sealing machines.

PRODUCT APPLICATION

Medium weight box sealing and other packaging applications exposed to normal shipping hazards and stress.

GOVERNMENT COMPLIANCE

Conforms to the requirements of UPS, Parcel Post Air Freight and Motor Freight Classification Rule 222, and complies with the Federal Food Drug and Cosmetic Act, CFR Title 21, Subpart B, Par 175.105, which covers the use of pressure sensitive adhesives and tapes for indirect contact food packaging, such as box sealing.



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Tape Technical Service: 877.447.4832
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NOMINAL VALUES

The following data are nominal values based on PSTC, ASTM and other standard test. The data should not be considered as specifications.

Backing (blown BOPP film)	1.1 mil (0.028 mm)
Adhesive	Emulsion Acrylic
Tensile Strength ASTM D-3759	27 lb _f /in width (473 N/100mm)
Elongation (at break) ASTM D-3759	70%
Adhesion to Steel ASTM D-3330	20 oz/in (22 N/100 mm)
Total Thickness ASTM D-3652	2.1 mil (0.053 mm)
Application Temperature Range	+32°F ~ +150°F (0°C ~ +49°C)
Operating Temperature Range	-30°F ~ +200°F (-35°C ~ +93°C)
Colors	Clear, Tan



While we believe them to be reliable, the statements and information herein are only for general guidance and are not warrants or guarantees for accuracy and completeness. The user must, by test or otherwise, determine suitability for this purpose. There is no warranty of fitness for a particular purpose. Our standard term and conditions of sale apply exclusively to all orders, and all liability for damages of any kind, including consequential, exceeding purchase price is excluded. No one is authorized by us to make oral warranties. We reserve the right to make changes without notice or obligation in our products and publications.

EFFECTIVE: 02/11

400 Machine Length

2.1 MIL MEDIUM GRADE ACRYLIC CST

INTERTAPE POLYMER GROUP TECHNICAL DATA SHEET

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EFFECTIVE: 02/11

NOMINAL VALUES

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Backing (cast film)	1.1 mil (0.028 mm)
Adhesive	Emulsion Acrylic
Tensile Strength ASTM D-3759	27 lb _f /in width (385 N/100mm)
Elongation (at break) ASTM D-3759	120%
Adhesion to Steel ASTM D-3330	20 oz/in (22 N/100 mm)
Total Thickness ASTM D-3652	2.1 mil (0.053 mm)
Application Temperature Range	+32°F ~ +150°F (0°C ~ +49°C)
Operating Temperature Range	-30°F ~ +200°F (-35°C ~ +93°C)
Colors	Clear, Tan

