

# 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.



100 Paramount Drive, Suite 300 | Sarasota, FL 34232 | USA  
Customer Service: 800.IPG.8273 | 800.474.8273  
Tape Technical Service: 877.447.4832  
www.itape.com | info@itape.com

### NOMINAL VALUES

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

<b>Backing</b> (Blown BOPP Film)	1.1 mil (0.028 mm)
<b>Adhesive</b>	Emulsion Acrylic
<b>Tensile Strength</b> ASTM D3759	27 lb <sub>f</sub> /in width (473 N/100mm)
<b>Elongation</b> (% at break) ASTM D3759	85
<b>Adhesion to Steel</b> ASTM D3330	20 oz/in (21.9 N/100 mm)
<b>Total Thickness</b> ASTM D3652	2.1 mil (0.053 mm)
<b>Application Temperature Range</b>	+32°F ~ +150°F (0°C ~ +49°C)
<b>Operating Temperature Range</b>	-30°F ~ +200°F (-35°C ~ +93°C)
<b>Colors</b>	Clear, Tan



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EFFECTIVE: 11/13

# 400 Machine Length

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EFFECTIVE: 11/13

# INTERTAPE POLYMER GROUP®

## TECHNICAL DATA SHEET

### NOMINAL VALUES

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

<b>Backing</b> (Cast Film)	1.1 mil (0.028 mm)
<b>Adhesive</b>	Emulsion Acrylic
<b>Tensile Strength</b> ASTM D3759	22 lb <sub>f</sub> /in width (385 N/100mm)
<b>Elongation</b> (% at break) ASTM D3759	120
<b>Adhesion to Steel</b> ASTM D3330	20 oz/in (21.9 N/100 mm)
<b>Total Thickness</b> ASTM D3652	2.1 mil (0.053 mm)
<b>Application Temperature Range</b>	+32°F ~ +150°F (0°C ~ +49°C)
<b>Operating Temperature Range</b>	-30°F ~ +200°F (-35°C ~ +93°C)
<b>Colors</b>	Clear, Tan

