

# 170e

## 30% PIR ACRYLIC HIGH SHEAR CST

# INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

### DESCRIPTION

Biaxially-oriented polypropylene (BOPP) film with at least 30% Post-Industrial Recycled content, and coated with high grade, pressure-sensitive, water based, modified acrylic emulsion adhesive. Best suited for reliable, all-temperature box sealing performance (0°C ~ 65°C) where resistance to aging, weathering, UV light, and yellowing are important.

Provides excellent clarity, superior quick-stick performance, and controlled unwind to facilitate manual or automatic case sealing.

- High tack and excellent adhesion to surface due to uniform adhesive backing
- Customized lengths, width, colors and prints in both hand roll and machine roll
- Accurate tape lengths
- High tensile strength and elongation in longitudinal and cross direction

### PRODUCT APPLICATION

Best choice for sealing recycled corrugated boxes and other demanding box-sealing applications. Used for packaging, bundling and for package exposed to challenging shipping hazards and stress.

### STORAGE RECOMMENDATIONS

Store in a clean, dry place. Temperature of 70°F (21°C) +/-6°F, and 40% to 50% relative humidity are recommended. Store new stock behind current stock.

### SHELF LIFE

When stored under recommended conditions, converted rolls have an expected shelf life of up to one year from date of shipment. Jumbo roll is recommended that they are converted within 6 months of date of shipment.



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EFFECTIVE: 08/23

### 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>	25±1μ (0.98 mil) BOPP
<b>Adhesive Coating</b>	19±1g Acrylic Adhesive
<b>Tensile Strength</b> ASTM D3039	15 lb/in
<b>Elongation</b> (% at break) ASTM D3759	100
<b>Adhesion to Steel</b> ASTM D3759	>200 g/cm (17.88 oz/in)
<b>Rolling Ball Tack</b> ASTM D3121-06	6-9 cm
<b>Total Thickness</b> ASTM D3652	44±2μ (1.75 mil)
<b>Application Temperature Range</b>	+32°F ~ +150°F (0°C ~ +65°C)
<b>Operating Temperature Range</b>	-30°F to +200°F (-35°C ~ +93°C)

