

# HM170 Hand Length

## 1.7 Mil Premium Hot Melt CST

### DESCRIPTION

Cold temperature biaxially-oriented polypropylene (BOPP) film carton sealing tape with specially designed pressure-sensitive hot melt adhesive offers a safe and attractive seal in cold, damp environments.

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

For light to medium weight, manual box sealing applications at room temperature as well as cooler food packaging and processing applications and moving/storage applications.

### GOVERNMENT COMPLIANCE

Complies with the Federal Food, Drug and Cosmetic Act, CFR Title 21, Subpart B, Par. 175.105 (covers the use of pressure-sensitive adhesives and tapes for 'indirect contact' food packaging, such as box sealing). CID A-A-1684B.

[tufflexpackaging.com](http://tufflexpackaging.com)

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### NOMINAL VALUES

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

<b>BACKING</b> (Blown Film)	1.0 mil (0.025 mm)
<b>ADHESIVE</b>	Synthetic Rubber/Resin
<b>TENSILE STRENGTH</b> (lb/in of width) ASTM D3759	25 (438 N/100 mm)
<b>ELONGATION</b> (% at break) ASTM D3759	80
<b>ADHESION TO STEEL</b> (oz/in of width) ASTM D3330	25 (27.4 N/100 mm)
<b>SHEAR TO LINERBOARD</b> (1/2" x 1/2" x 1000 grams) ASTM D3654	2500+ minutes
<b>TOTAL THICKNESS</b> ASTM D3652	1.70 mil (0.043 mm)
<b>OPERATING TEMPERATURE RANGE</b>	Application +35°F to +120°F (+1.7°C ~ +49°C)  Operating -40°F to 140°F (-40°C ~ +60°C)
<b>COLOR</b>	Clear

# HM170 Machine Length

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<b>BACKING</b> (Blown Film)	1.0 mil (0.025 mm)
<b>ADHESIVE</b>	Synthetic Rubber/Resin
<b>TENSILE STRENGTH</b> (lb/in of width) ASTM D3759	19 (333 N/100 mm)
<b>ELONGATION</b> (% at break) ASTM D3759	125
<b>ADHESION TO STEEL</b> (oz/in of width) ASTM D3330	25 (27.4 N/100 mm)
<b>SHEAR TO LINERBOARD</b> (1/2" x 1/2" x 1000 grams) ASTM D3654	2500+ minutes
<b>TOTAL THICKNESS</b> ASTM D3652	1.70 mil (0.043 mm)
<b>OPERATING TEMPERATURE RANGE</b>	Application +35°F to +120°F (+1.7°C ~ +49°C)  Operating -40°F to 140°F (-40°C ~ +60°C)
<b>COLOR</b>	Clear