

# 745

## BI-DIRECTIONAL SPECIALTY FILAMENT TAPE

## INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

### DESCRIPTION

Polyester film woven with fiberglass reinforcements with a pressure-sensitive synthetic rubber adhesive. Balanced machine direction and cross direction tensile strength, high adhesion and medium impact strength. Bi-directional filaments provide resistance to delamination for improved one piece removability and increased “boardiness” for automatic application. Operating temperature range +32°F (0°C) to +180°F (+82°C).

### PRODUCT APPLICATION

Designed for a variety of packaging and splicing applications.

### STORAGE RECOMMENDATION

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

### SHELF LIFE

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



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### 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>	0.6 mil (15μ) Polyester
<b>Adhesive</b>	Synthetic Rubber/Resin
<b>Reinforcement</b>	Fiberglass Scrim
<b>90° Adhesion to Steel</b> (oz/in of width) PSTC-101	75 (20.5 N/25mm)
<b>Tensile Strength</b> (lbs/in of width) PSTC-131	
Machine Direction:	90 (394 N/25mm)
Cross Direction:	90 (394 N/25mm)
<b>Elongation</b> (% at break) PSTC-133	3.5
<b>Total Thickness</b> (mils) PSTC-133	7.3 (0.185mm)
<b>Quick Stick</b> (oz/in of width) PSTC-5	
To Kraft:	4.5 (1.2 N/25mm)
To Steel:	25 (6.8 N/25mm)
<b>Color</b>	Clear



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EFFECTIVE: 7/10

