



PEI

PITTSBURGH ELECTRICAL INSULATION
MANUFACTURER | CONVERTER | DISTRIBUTOR

800 Martha Street, Munhall, PA 15120

TECHNICAL DATA

Heat-Shrinkable Polyester™ (HSP) Tape

Background:

Pittsburgh Electrical Insulation's HSP tape has been designed for use as an outside armor on stator, armature and field coils. In this application the shrink characteristics of HSP tape consolidates the coil and absorbs excess resin to form resin-coated coil surface. Its shrink characteristics add to the appearance of the coil. Bags, puckering and buckling are removed as a result of the shrinkage. The HSP tape is recommended for applications up to 155°C.

Shrinkage Data

	Trigger Point
180°F*	4%
200°F	9%
250°F	15%
285°F	19%
320°F	22% MAX
356°F	

*5 Minutes

Physical Description

Thickness	.0045" ± .0005"
Shrinkage @ 350°F	20% ± 2%
Freon Bomb Extraction	0.7 ± 0.1%
Breaking Strength per 1" Width	80 LBS ± 5 LBS
Construction/Inch Width	80 Warp x 40 Fill
Put-Up	Core: 3/8" or 1-1/2" ID Length: 36 or 72 Yd Rolls

* Custom Lengths &
Widths Available