



PEI

PITTSBURGH ELECTRICAL INSULATION
MANUFACTURER | CONVERTER | DISTRIBUTOR

800 Martha Street, Munhall, PA 15120

TECHNICAL DATA

Polyester Non Woven Felt

Properties and Application:

PEI Polyester Non Woven Felt is made utilizing a needle loom process. This ensures that the polyester fibers are mechanically interlocked, not chemically bonded. The primary function of this product is to provide bracing between coils in both generator and motor applications. This is a porous product that absorbs varnish during the impregnation process, whether it be dip and bake or VPI

Upon completions of the impregnation process and the baking of the motor, this bracing will become very rigid and help maintain stability of the coils and minimize vibration damage. Since the base material of this product is polyester, it is safe and includes no hazardous materials.

PROPERTIES	
Denier:	6
Staple Fibers:	2 inches minimum
Weight:	8.5lb/Sq Yd per inch thick

Product is available in 36" wide log rolls or slit to width.

PACKING AND MARKING:

This material shall be packed and marked in accordance with guidelines set by the purchase order, subject to acceptance by PEI.