



BIRCH VALLEY PLASTICS
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MOTOR/TRANSFORMER INSULATIONS

We manufacture on our own machines, washers and gaskets from various materials. For motor insulation's we crease and form to customers own specifications and designs in a wide range of flexible materials. The manufacture of pre-formed slot enclosures is also carried out in-house.

Our material range for this class of product includes the following:-

Polyester Class B 130C, 0.25/0.35mm thick
 NOMEX* Class H 180C 0.38/0.51mm thick* Registered trademark of DU PONT DE NEMOURS

Presspahn

Composite materials include:-

NMN-F2D 2 layers of NOMEX* 410 0.05mm thick and one inner layer of polyester film
 NMN-F3D 2 layers of NOMEX* 410 0.08mm thick and one inner layer of polyester film
 NMN-411 2 layers of uncalendered NOMEX* 411 0.13mm thick and one layer of polyester film
 NM 1 layer of NOMEX* (either 410 or 411) and one layer of polyester film
 D.M.D a bonding of non woven polyester mat to each side of a polyester film

The polyester film can be supplied in various thicknesses and can be supplied in tape and roll form.

As each application is different we suggest you contact the company with your requirements and we will be pleased to submit a quotation.

	OTHER PRODUCTS AVAILABLE
P	Open Weave Braided Cable Jacket in Nylon 6.6 monofilament with flat open weave.
RG	Polyamide Braided Cable Jacket in Rilsan 11 with a tighter braid .
NG	Nylon 6.6 Braided Sleeving with a lighter braid than RG for higher temperatures
PVP	Polyurethane varnished polyester heat resisting sleeving rated 130C
PVG	Polyurethane varnished glass heat resisting sleeving rated 155C
	Profiles and extrusions in flexible/rigid PVC
	Non Adhesive Tapes in terylene, woven glass, cotton, vidacords, vidatapes
N	Nomex, Nomex/Polyester/Nomex, Nomex/Kapton/Nomex , plain and slit edge class H
	Creasing and forming, slot wedges and coil insulations produced to drawing.
	Sheets/Boards/Rigids, srbf, srpb, epoxy glass, pgm

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