

# Power Generation Products



PCT testing lab

## PactLam™ Generator Rotor Slot Insulation

Highly engineered laminates are designed to withstand the toughest rotor coil winding environments and the harshest operating conditions. We craft each liner to meet the most rigorous dimensional standards.

### GENERAL PROPERTIES

- Exceptional electrical insulation properties
- Class H temperature rating, 180° C
- Low coefficient of friction
- Durable construction with flexible design

### CONFIGURATION

- Standard sizes in stock
- U-shaped, L-shaped and cap configurations
- Lengths up to 10,000 mm
- Leg widths up to 165 mm
- Thickness up to 3.8 mm

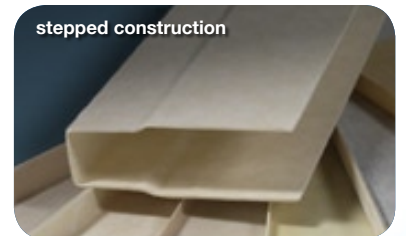
We meet customers' specific requirements with a variety of constructions, and regularly accept custom size and rapid delivery requests. Ask for our standard construction data sheets, or give us your specific requirements to meet your demand.

### PactLam™ F385 Slot Liner, 1 mm T Typical Values

PROPERTY	VALUE
Dielectric strength, kV/mm, IEC 243	>30
Temperature class, IEC 85	H
Flexural strength, cross direction, N/mm <sup>2</sup> , ASTM D790-3	>300
Flexural modulus, cross direction, N/mm <sup>2</sup> , ASTM D790-3	>13,500
Flexural strength, length direction, N/mm <sup>2</sup> , ASTM D790-3	>440
Flexural modulus, length direction, N/mm <sup>2</sup> , ASTM D790-3	>16,500
Shrinkage, % 24 hrs @ 160° C	<0.02



PactLam™



stepped construction



slot armor testing

Call our Sales Engineering staff with your most demanding applications.

They love a challenge.

ISO 9001:2008

[www.pactinc.com](http://www.pactinc.com)



### Power and Composite Technologies LLC

200 Wallins Corners Road, Amsterdam, New York 12010  
518.843.6825 ■ 518.843.6723 fax

### Land Power and Composite (Xiamen) Technologies Co., Ltd.

151 West 2nd Jiutianhu Road, Xinglin, Xiamen 361022, P.R. China  
+86 592.624.9693 ■ +86 592.624.8241 ■ +86 592.624.8215 fax