Lamitex

Rotor Vanes

FRANKLIN
Franklin Fibre - Lamitex Corporation
Composites for Today’s Challenges
Precision Crafted Rotor Vanes
Composites for Today’s Challenges

Lamitex®

Availability, Durability & Price
Available for most Original Equipment Manufacturers
Vacuum Pumps.
Lamitex PK-100, is the latest in vane materials. It is 100% Kevlar fabric, impregnated with a high temperature phenolic resin which makes it ideal for the ever increasing demands of today’s pump and compressor applications.

Lamitex Rotor Vane Applications:
Milking pumps, septic evacuation, agricultural spreaders, water treatment, cooking grease traps, down hole oil and gas, heavy duty pumps used in construction and mining applications.

Franklin Fibre-Lamitex Corporation's Lamitex® Grades for Rotor Vanes

<table>
<thead>
<tr>
<th>Lamitex® Grade</th>
<th>Description</th>
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<tbody>
<tr>
<td>PK-100</td>
<td>PK-100 is a contemporary Made in America vane material made from 100% woven Kevlar fabric impregnated with a phenolic resin specially formulated for wear applications at elevated temperatures. PK-100 vanes have exceptional wear properties and dimensional stability at high temperatures and high humidity conditions.</td>
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<tr>
<td>PK-50</td>
<td>PK-50 is a dependable Kevlar/Fiberglass blend with a high temperature phenolic resin, chosen for a variety of lubricated vacuum pump applications since 1999. Dimensional stability and high mechanical strengths are trademark properties for this composite formulated solely as a high performance rotor vane material.</td>
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<tr>
<td>EK-50</td>
<td>EK-50 is a Para-Aramid fibre composite fabric bonded with a high temperature epoxy resin. EK-50 has tremendous strength characteristics and excellent moisture resistance. This material performs well in lubricated air motors.</td>
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<tr>
<td>PL-40M</td>
<td>PL-40M is a cotton fabric with a high temperature phenolic resin containing molybdenum disulfide for better wear performance. PL-40M works well in low duty applications for compressors and vacuum pumps.</td>
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<tr>
<td>G-11</td>
<td>G-11 is a woven glass fabric with high temperature epoxy resin. G-11 has excellent moisture and temperature resistance and G-11 performs well in lubricated high vacuum pumps.</td>
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Kevlar® is a registered trademark of E.I. DuPont Co.

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