



# Lamitex<sup>®</sup>

## Rotor Vanes



**FRANKLIN**

Franklin Fibre - Lamitex Corporation

*Composites for Today's Challenges*

# Precision Crafted Rotor Vanes

## Composites for Today's Challenges



# Lamitex<sup>®</sup>

## 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<sup>®</sup> Grades for Rotor Vanes

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|-----------------------------------|---|
| <b>Lamitex<sup>®</sup> PK-100</b> | 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. |
| <b>Lamitex<sup>®</sup> PK-50</b>  | 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.  |
| <b>Lamitex<sup>®</sup> EK-50</b>  | 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.  |
| <b>Lamitex<sup>®</sup> PL-40M</b> | 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.  |
| <b>Lamitex<sup>®</sup> G-11</b>   | 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.  |

Kevlar<sup>®</sup> is a registered trademark of E.I. DuPont Co.



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\*Physical property data  
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