

HPPLAM PTFE Laminates

Belts for Industrial and Food Applications

HPPLAM Laminates . . .Layers above the rest!

Hi-Performance Products, Inc. offers a unique line of flexible, non-porous fluoropolymer laminated composites that combine the features of multi-layer fluoropolymer cast films with the mechanical properties of fiber glass reinforced fabric.

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| Laminate Features | Advantages (vs. coated) | User Benefit |
|---|---|--|
| Crack/pinhole free cast film surface | Better resistance against grease wicking, lower overall permeation, more wear resistant | Longer composite life, fewer belt changes, easier to clean |
| Less heat exposure during composite manufacture | Maintains greater strength, thinner materials can be used | Longer composite life, better heat transfer, lower platten temperatures required, lower energy costs |
| Multi-ply fabric constructions available | Greater strength and dimensional stability | Longer composite life, fewer belt changes, better heat transfer, lower platten temperatures required |
| Uniform PTFE thickness over reinforcements | More wear resistant | Longer composite life, easier to clean |
| FDA Compliant | Suitable for use in direct food contact applications under the applicable requirements of 21CFR177.1550 | |

Limited Warranty:
For a period of 6 months from the date of first sale, Hi-Performance Products, Inc. warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s).
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NOTE:
HPP, Inc. does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or of any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.

| | | Weight (oz./yd. ²) | Thickness (in.) | Breaking Strength (lbs./in.) | Tear Strength (lbs.) |
|---------------------|---------|--------------------------------|-----------------|------------------------------|----------------------|
| HPPLAM | TP100 | 5.6 | 0.0042 | 90 x 70 | 3.0 x 2.0 |
| | TP200 | 8.8 | 0.0058 | 120 x 120 | 5.0 x 4.5 |
| | TP300 | 13.4 | 0.0095 | 315 x 215 | 18.0 x 12.0 |
| HPPLAM SILVER | TP4SIL | 6.7 | 0.0048 | 90 x 70 | 3.0 x 2.0 |
| | TP10SIL | 14.3 | 0.0101 | 315 x 215 | 18.0 x 12.0 |
| | TP12SIL | 18.0 | 0.0112 | 325 x 225 | 9.0 x 7.0 |
| HPPLAM ULTRA | HP2200 | 9.8 | 0.0070 | 200 x 140 | 9.0 x 4.0 |
| | HP3300 | 12.5 | 0.0088 | 330 x 230 | 16.0 x 7.0 |
| | HP3320 | 17.0 | 0.0110 | 330 x 230 | 7.0 x 4.0 |
| HPPLAM SILVER ULTRA | HP3300 | 12.5 | 0.0090 | 330 x 230 | 16.0 x 7.0 |
| | HP3320 | 17.0 | 0.0110 | 330 x 230 | 7.0 x 4.0 |
| HPPLAM XF | HPXF200 | 5.6 | 0.0042 | 110 x 85 | 5.5 x 2.5 |
| | HPXF900 | 18.0 | 0.0115 | 325 x 225 | 8.5 x 6.5 |