

# HPPLAM ULTRA

HPP Laminates . . .Layers above the rest!

HPPLAM ULTRA ,

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. The ULTRA product line offers high performance in severe thermal cycling, chemical applications.

## Features

PTFE cast barrier film surface, crack and pinhole free

Uniform film thickness over entire surface

Thick gauge films with hardened surfaces

High temperature, multi-ply fabrics

FDA Compliant

## Benefits

Outperforms simple PTFE-coated materials; long-lasting release properties make cleaning easier; low wicking of product into fabric extends useful life

Lamination eliminates the possibility of thin spots found in coated materials, which often lead to their premature failure

Extended abrasion and wear properties result in longer life with less maintenance

Exceptional mechanical properties and dimensional stability at any thickness due to the “ plywood” effect; designed for thermal cycling and harsh chemical applications, including cooking and plastic processing

Suitable for use in direct food contact applications under the applicable requirements of 21CFR177.1550

## Typical Properties<sup>1</sup>

Product Number	2200	HP3300U	HP3320U
Standard Width <sup>2</sup> (in.)	37.5,43 <sup>3</sup> ,49	37.5,43 <sup>3</sup> ,49	37.5,43 <sup>3</sup> ,49 <sup>3</sup>
Weight Nominal (oz./yd. <sup>2</sup> )	9.8	12.5	17.0
Thickness Nominal (in.)	.0070	.0088	.0110
Breaking Strength (lbs./in.)	200 X 140	330 X 230	330 X 230
Tear Strength (lbs.)	9.0 X 4.0	16.0 X 7.0	7.0 X 4.0
Color	Brown/Natural	Brown/Natural	Brown/Black

1- Properties representative of actual test data. Not to be used for specification purposes. 2- Nominal width. Minimum usable width may be as much as one inch less than nominal. 3- Special order, minimum quantities may apply. Other widths available on request.

Hi-Performance Products, INC.  
1231 Puerta Del Sol, Unit 400  
San Clemente CA 92673  
Customer Service: (949)366-6088

[ptfglass.com](http://ptfglass.com)

Limited Warranty: For a period of 6 months from the date of first sale, Hi-Performance Products 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). Hi-Performance Products DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

NOTE: Hi-Performance Products 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.