

HPP OPEN MESH BELTING

Open Mesh Belting

Open Mesh Belting products are woven fiberglass belting materials designed for use in forced hot air curing ovens. HPP Open Mesh Belting products are designed to provide optimum performance in most drying applications.

Typical Properties

Product Number	HP1580	HP1589	HP1590	HP3790	
Standard Width (in.)	118	110	175	140	
Weight Nominal (oz./yd.2)	14.7	13.5	13.0	14.0	
Thickness Nominal (in.)	0.022	0.030	0.033	0.043	
Breaking Strength, Warp (lbs./in.)	350	300	180	250	
Breaking Strength, Fill (lbs./in.)	250	250	200	300	
Porosity (SCFM/Ft.2)	270	750	1700	2000	
Elongation at 40 lbs./in.	1% Max	1% Max	1% Max	1% Max	1% Max
Weave Style	Mock Leno	Plain	Leno	Leno	

The data listed above is for reference only. It is not intended for use as a guarantee of product performance.

Dimensional Stability—Width rigidity as well as length stability is maintained by HPPFAB Open Mesh Belting in continuous use at temperatures up to 500°F. Under normal operating tensions (3 to 5 pounds per inch of width), HPPFAB Open Mesh Belting holds its elongation and shrinkage to less than 1%.

Release Properties—The release properties of HPPFAB Open Mesh Belting equal or exceed those of any other available belting material. The PTFE coating makes HPPFAB Open Mesh Belting unique in its low coefficient of friction.

Chemically Resistant—The PTFE coating encapsulates the belting carcass and enhances its useful service life.

Dynamic Strength—HPPFAB Open Mesh Belting's durability, coupled with low overall belt weight, allows optimal production speed with decreased power requirements.

Temperature Resistant—HPPFAB Open Mesh Belting can be operated continuously at temperatures up to 500°F and will still maintain 100% of its operational profile.

Fabrication Technology—Hi-Performance Products belt seams have been specifically engineered to reduce the flex fatigue failure. Substantially reduced flex fatigue means longer belt life.

Hi-Performance Products offers a wide variety of seams specifically designed to reduce flex fatigue, including spiral, pin, metal and a truly endless belt. Special edge reinforcements with the same properties as the belt provides durable non-fraying edge to facilitate tracking.

UV Resistant and higher PTFE content versions are available for select HPPFAB Open Mesh belting products.

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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). Hi-Performance Products, Inc. DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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