

HPSPECIALTY SERIES

HP Specialty Series

These HPP products are designed for applications requiring high strength and low elongations, such as heavy weight belting. These styles are woven and coated to produce specific textures and to resist ridging, puckering and creasing.

Typical Properties

Product Number	183	1584	313X	1565	313XK
Standard Width (in.)	62	62,66	89,155	153	174
Weight Nominal (oz./yd.2)	21.0	34.0	31.0	29.0	34.0
Thickness Nominal (in.)	0.024	0.036	0.026	0.024	0.030
Breaking Strength Warp (lbs./in.)	600	900	450	500	750
Breaking Strength Fill (lbs./in.)	450	600	550	300	400
Trapezoidal Tear Warp (lbs.)	60	75	28	50	100
Trapezoidal Tear Fill (lbs.)	40	65	45	45	30
Elongation at 40 lbs./in.	1% Max	1% Max	1% Max	1% Max	1% Max
Weave Style	Satin	Satin	Plain	Plain	Plain

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 HP belting in continuous use at temperatures up to 500°F. Under normal operating tensions (10 to 5 pounds per inch of width), HP belting holds its elongation and shrinkage to less than 1%.

Release Properties—The release properties of HP belting equal or exceed those of any other available belting material. The PTFE coating makes HP 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—HP belting's durability, coupled with low overall belt weight, allows optimal production speed with decreased power requirements.

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

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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.**

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