

HP27312- FILM-UHMW-BLACK

HPP Performance HPPSTIK HP27312 is manufactured from a BLACK-UHMW-(Ultra-High-Molecular-Weight)-polyolefin-film-coated-with-a-pressure-sensitive-acrylic-adhesive.

Hi-Performance Products, Inc.
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Typical Properties

Product Number	HP27312-3R	HP27312-5R	HP27312-10R
Backing Material	Film-UHMW-	Film-UHMW-	Film-UHMW
Adhesive Type	Acrylic-	Acrylic-	Acrylic
Total Thickness (in.)	.0045-	.0065-	.0115-
Backing Thickness (in.)	.0030-	.0050-	.0100-
Adhesive Thickness (in.)	.0015-	.0015-	.0015-
Adhesion to Steel (oz./in.)	35-	35-	35-
Break Strength (lbs./in.)	20-	40-	80-
Elongation (%-at-break)	300-	350-	425-
Operating Temperature (°F)	-40-to-225-	-40-to-225-	-40-to-225
Color	Black-	Black-	Black-

Values shown are typical. Certified test reports for writing specifications are available.

Applications—High-Performance - HPPSTIK-HP27312 can be used to provide an abrasion-resistant, anti-stick, anti-friction surface at temperatures up to 225°F. It is frequently used to line chutes and conveyors. The product is often applied to guide rails to reduce noise levels in glass-bottling plants. This tape is also used to replace desk-drawer bearings, and to provide silky-smooth, friction-free-drawer-movement.

Features/Benefits—HPPSTIK-HP27312 exhibits excellent abrasion-resistance and a low-coefficient-of-friction, making it an excellent protection for surfaces or bearings that experience heavy wear. It is more economical than PTFE tapes. The high-temperature, high-tack acrylic adhesive adheres readily to most dry, clean surfaces—firmly anchoring the product in place.

Availability—HPPSTIK-HP27312 is available in 3, 5, and 10-mil thicknesses. Factory stock for HP27312 is in master-log form 36-yards-by-24-inches-for-3-mil and 36-yards-by-50-inches-for-5-and-10-mil. Rolls can be slit in widths ranging from 1/2" to full-width. The product is supplied with a paper interliner, that protects the adhesive, facilitates die-cutting, and peels off easily.

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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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