

2312

FILM-UHMW BLACK

Saint-Gobain Performance Plastics CHR® 2312 is manufactured from a BLACK UHMW (Ultra High Molecular Weight) polyolefin film coated with a pressure-sensitive acrylic adhesive.

Typical Properties

Product Number	2312-3R	2312-5R	2312-10R
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—Saint-Gobain Performance Plastics CHR® 2312 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—CHR® 2312 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—CHR® 2312 is available in 3, 5, and 10 mil thicknesses. Factory stock for 2312 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, Saint-Gobain Performance Plastics Corporation 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). SAINT-GOBAIN PERFORMANCE PLASTICS 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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