

SKIVED UHMW-PE FILMS

BLACK SEMI-CONDUCTIVE

BLACK UHMW SEMI-CONDUCTIVE PE film is a high quality abrasion resistant film engineered to meet the most rigorous industrial applications. It is more than 5 times abrasion resistant than stainless steel and has self-lubricating properties similar to PTFE.

**Previously known as*
CHEMFILM® BLACK UHMW SEMI-CONDUCTIVE



FEATURES AND BENEFITS

- Semi-conductive
- Abrasion resistant anti-stick surface
- Self-lubricating
- Durable
- Sound deadening material
- UV Resistant
- Continuous operating temperature up to 392°F (200°C)
- RoHS and REACH compliant

AVAILABILITY

- Widths up to 54" (1,372 mm) on industry standard 3" (76 mm) ID cores
- Also supplied in narrow slit widths on jumbo traverse wound rolls with spliced lengths up to 6,562 linear yards (6,000 linear meters).
- Customized solutions available



APPLICATIONS

- Automotive window channel
- Guide rails
- Work station surfaces
- Automotive noise abatement
- Conveyor bed liners
- Chute liners
- Protection against UV exposure
- High wear surfaces

TYPICAL PROPERTIES

Thickness	2.0 mil	3.0 mil	5.0 mil	10.0 mil	20.0 mil	Unit
Long Tensile	5,500	6,000	6,000	6,000	6,000	psi
Elongation (minimum)	200	300	300	300	300	%
Specific Gravity	0.93 - 1.00	0.93 - 1.00	0.93 - 1.00	0.93 - 1.00	0.93 - 1.00	g/cm ³
Approximate Yield	101.0	68.0	40.5	20.2	10.1	ft ² /lb

The values presented are typical values and should not be used for specification purposes. Contact your Saint-Gobain Composite Solutions representative for more information.

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IMPORTANT: The values presented are typical values and should not be used for specification purposes. Contact your representative for more information. It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Composite Solutions products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated by purchaser and/or user.

WARRANTY: We warrant specifications at delivery and honor claims for such breach of warranty for six (6) months after delivery. The only obligation under any applicable product warranty will be to replace 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 COMPOSITE SOLUTIONS DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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Valid 03/2023 • Supersedes all previous versions

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