

## SKIVED UHMW-PE FILMS

# BLACK

# SEMI-CONDUCTIVE

**BLACK UHMW SEMI-CONDUCTIVE** PE Film is manufactured by **Saint-Gobain**<sup>®</sup> Performance Plastics Corporation, Tape Solutions business, and comes with a high quality, abrasion resistant film intended 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<sup>®</sup> 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)

### 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 <sup>3</sup>
Approximate Yield	101.0	68.0	40.5	20.2	10.1	ft <sup>2</sup> /lb

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

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