

Skived Anti-Static UHMW Polyethylene Film



#402B is a skived carbon filled Ultra High Molecular Weight Polyethylene (UHMW) film.

The carbon type and level achieve conductivity for sufficient dissipation applications.

#402B UHMW-PE film (Ultra High Molecular Weight Polyethylene) has a very low coefficient of friction, ideal for sliding bearing applications with only moderate load and temperature requirements. Skived UHMW products exhibit excellent physical, chemical, mechanical and abrasion resistance properties, making it fit for many applications.

Applications:

- Conductive Anti-Squeak Partitions
- Die-cut spacers for video cassettes
- Electrical conductivity for static dissipation
- Outer warp of oil hoses
- Use in place of metal spacers & shims
- Printer Paper Guide

Features

- Thicknesses Available: 0.076 mm to 1.016 mm
- Widths available up to 1,397 mm

Benefits

- High Abrasion Resistance
- Broad Chemical Resistance
- Static dissipative

TYPICAL TECHNICAL DATA		
Part Number	#402B	Test Method
Colour	Black	Visual
Tensile Strength (mPa)	20.68	ASTM D 882
Elongation (%)	125	ASTM D 882
Surface Resistivity ohms/sq	1,000 to 100,000	ASTM D 257
Melting Temperature (°C)	135	-
Deformation (%)	3 - 4	-
Water Absorption (%)	0.01	-
Operating Temperature (°C)	-40 to +95	
PRODUCT DIMENSION AVAILABILITY		
Thicknesses (mm)	0.76 to 1.016	
Maximum Width (mm)	6 to 1397	
Maximum Roll, O.D. (mm)	356	
Core Diameter (mm)	76.2	

