

Skived UHMW-PE-Natural Colour-Self Wound



#423-5EZ is a self-wound UHMW-PE film coated with an aggressive permanent acrylic adhesive. The UHMW-PE substrate provides an excellent low friction, non-stick surface, that in many ways is similar to PTFE. The UHMW-PE film has a very high tensile strength and is a very tough film and excellent high wear resistant against gouging and abrasion.

#423-5EZ is a self-wound UHMW-PE pressure sensitive tape.

#423-5EZ is compliant to FDA 21CFR175.105 for food contact.

Features:

- Extreme abrasion resistance
- No water absorption
- Superior sound dampening
- Very low coefficient of friction
- Withstand gouging

Benefits:

- Improved durability
- Quieter operation
- Lower cost than PTFE
- Higher wear resistant than high carbon by 10X
- Prevent Squeaks & Rattles

TYPICAL TECHNICAL DATA

Part Number	#423-5EZ	Test Method
Colour	Natural	Visual
Backing Thickness (mm)	0.127	-
Adhesive Thickness (mm)	0.006	-
Adhesion Strength (kg/cm)	558.05	ASTM D 1000
Tensile Strength (kg/cm)	5.357	ASTM D 3759
Elongation	300	-
Dielectric Strength	5000	ASTM D 149
Melting Temperature (°C)	135	-
Water Absorption (%)	0.01	-
Specification	21 CFR 177.1520	FDA
Operating Temperature (°C)	-40 to +95	-

PRODUCT DIMENSION AVAILABILITY

Total Thicknesses (mm)	0.133	-
Maximum Width (mm)	6 to 660.4	-
Roll Length (metre)	33	-
Core Diameter (mm)	76.2	-

Applications:

- Primary use in mechanical solutions
- Wear Pads
- Guide Rail
- Cabinets & Drawers Sliders
- Mahjong Tables
- Soft Drinks Cans manufacturing
- Cigarettes forming shoes
- Spray booth liners
- Protecting aluminium sheets on stretch forming presses

