

# Skived Natural UHMW-PE-Acrylic Adhesive



#423 series natural UHMW-PE film coated with an aggressive Acrylic adhesive.

The UHMW-PE substrate provide an excellent low friction, non-stick surface, that in many ways similar to PTFE. The UHMW-PE film has a very high tensile strength and is very tough film and excellent high wear resistant against gouging and abrasion.

#423 series is available with standard film thickness of 0.0762mm, 0.127mm, 0.254mm, 0.381mm, 0,508mm

## 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
- Prevent Squeaks & Rattles
- Higher wear resistant than high carbon by 10X

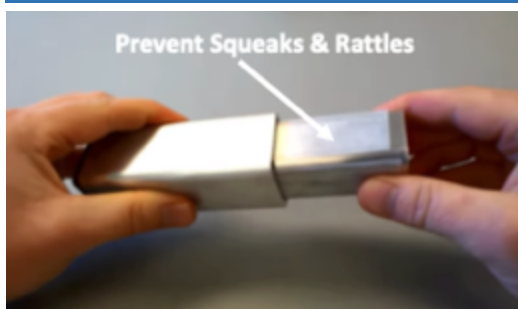


## TYPICAL TECHNICAL DATA (Nominal)

Part Number	#423-3	#423-5	#423-10	#423-15	#423-20	Test Method
Colour	Natural					Visual
Adhesive System	Acrylic					
Backing Thickness (mm)	0.0762	0.127	0.254	0.381	0.508	-
Adhesive Thickness (mm)	0.0584	0.0584	0.0584	0.0584	0.0508	-
Total Thickness (mm)	0.135	0.185	0.312	0.439	0.559	-
Adhesion Strength (g/cm)	558.05	558.05	558.05	558.05	558.05	ASTM D 1000
Tensile Strength (kg/cm)	3.2114	5.357	10.715	16.07	21.5	ASTM D 3759
Elongation	300	300	300	300	300	-
Melting Temperature (°C)	135	135	135	135	135	-
Water Absorption (%)	0.01	0.01	0.01	0.01	0.01	-
Specification	21 CFR 177.1520					FDA
Operating Temperature (°C)	-40 to +95					

## PRODUCT DIMENSION AVAILABILITY

Maximum Width (mm)	635	6 to 660.4	6 to 660.4	6 to 660.4	6 to 660.4	-
Roll Length (metre)	16.5 or 33	16.5 or 33	16.5 or 33	16.5	16.5	-
Core Diameter (mm)	76.2	76.2	76.2	76.2	76.2	-
Competitive Products Reference	3M 9325 2302-3R	3M 5430 P632 2302-5R	P633 2302-10R	-	2302-20R	-



## Applications:

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

## Release Liner:

- Release liner is either supplied in blue polyethylene or white Kraft, either liner use would not affect the performance of the tape