



TDS of UHMW TAPE UPE50W

Product	Product Category	Coating
UHMW Acrylic Adhesive Tape	UHMW TAPE	Acrylic Adhesive
Properties	Metric	Imperial
Standard width Please ask for other widths	290mm, 610mm and others	11.4, 24 inches and others
Color	White	White
Baisc Thickness	0.50±0.005 mm	0.20±0.002 inches
Adhesive Thickness	0.05±0.01 mm	0.020±0.004 inches
Total Thickness	0.55±0.015 mm	0.215±0.006 inches
Adhesive Type	Acrylic	Acrylic
Adhesive to Steel	5.5 N/cm	50 lb/in
Specific Gravity of Film	0.96 g/cm ³	0.96 g/cm ³
Tensile Strength	> 30 Mpa	> 30 Mpa
Elongation	500%	500%
Operating Temperature	from -40 to +107°C	from -40 to +225°F

ESONE® UHMW tape UPE50W is a high-performance tape made from Ultra High Molecular Weight (UHMW) polyolefin film, featuring a acrylic adhesive coating. Known for its excellent abrasion resistance and low coefficient of friction, it protects surfaces that experience heavy wear. More economical than PTFE tapes, this product adheres well to most clean and dry surfaces due to its high-temperature acrylic or rubber adhesive. It is suitable for a range of applications, including lining chutes and conveyors, reducing noise on guide rails in glass bottling plants, and enhancing drawer movement in desks, providing a smooth, friction-free experience.



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