



## TDS of UHMW TAPE UPE50B

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	Black	Black
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 <sup>3</sup>	0.96 g/cm <sup>3</sup>
Tensile Strength	>30 Mpa	>30 Mpa
Elongation	500%	500%
Surface Resistivity	10 <sup>6</sup> to 10 <sup>9</sup>	10 <sup>6</sup> to 10 <sup>9</sup>
Operating Temperature	from -40 to +107°C	from -40 to +225°F

ESONE's UPE tape is made from BLACK ultra-high molecular weight polyethylene (BLAKC UHMH) film with a molecular weight exceeding 9 million, coated with either acrylic pressure-sensitive adhesive or rubber adhesive.

ESONE black UPE tape offers excellent abrasion resistance and a low coefficient of friction, making it an ideal protective layer for wear surfaces. It is resistant to UV embrittlement, suitable for outdoor applications. The high-temperature, high-tack acrylic adhesive is designed for high shear resistance and adheres well to most dry, clean surfaces.



ESONE® is a registered trademark owned by  
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