

Ultra High Molecular Weight (UHMW) Pressure Sensitive Tape - Acrylic Adhesive

Reference:	TES-13	Material:	Polyolefin Film
Total Thickness:	0.178mm	Backing Thickness:	0.127mm
Adhesive Thickness:	0.051mm	Adhesive Type:	Thermosetting Rubber
Elongation:	350%	Surface Texture:	Smooth
Operating Temperature:	-40 to +107°C	Coefficient of Friction:	0.11 to 0.25



Material Properties

- UHMW (Ultra High Molecular Weight) polyolefin film coated with rubber.
- High Release from sticky materials 'Non-Stick'
- Easy cleaning
- Low friction co-efficient: 0.11 – 0.25; depending on load and surface speed
- Lightweight and energy efficient for economical operation

Additional Information

UHMW film is available in thicknesses from 0.0763 to 2.3622mm and widths from 0.635 to 139.7cm
Maximum roll outer diameter is 35.56cm, core diameter is 7.62cm

UHMW has extremely high abrasion resistance, exceeding the abrasion resistance of steel. This coupled with broad chemical resistance and low coefficient of friction makes UHMW an extremely versatile engineering material for many severe service applications. Applications include inner and outer surfaces for potable water, chemical, fuel and hydraulic hoses, bottom surfaces for skis and snow boards as well as linings for chutes to decrease friction and wear. TES-13-NA & TES-25-NA are also a component in automobile weather stripping.