

HIGH DENSITY ePTFE FILMS/TAPES

2 High performance Serious -HS

High density PTFE films/tapes provide superior electrical and chemical of the standard serious. It's recommended for heating cables, aircraft and automotive cable in highly critical military, aerospace and high demand industrial.

MATERIAL

- *PTFE (Polytetrafluorethylene)
- *Expanded, white or colors
- *Thickness: 0.051mm - 0.254mm
- *Width: 4mm - 200mm
- *Density: 1.60g/cm³

FEATURES AND APPLICATIONS

- *High dielectric strength
- *High temperature and chemical resistivity
- *Flammability resistivity
- *Tight thickness tolerances
- *RoHS and REACH compliant



FOR USE IN

- *Wire and cable insulation for extreme chemical and thermal environments
- *Binder tape in cable constructions and wire harnesses
- *Dielectric material in coaxial cables
- *Aircraft and high performance wire and cable
- *Medical devices/equipment cabling solutions
- *Mechanical energy transfer
- *Chemical transfer
- *Electrical and electronic industry.
- *And more

TECHNICAL DATA

Thickness	0.0020"	0.0030"	0.0040"	0.0050"	0.0060"	0.0080"	0.0100"
	0.051mm	0.076mm	0.102mm	0.127mm	0.152mm	0.203mm	0.254mm
Tolerance	0.00020"	±0.00020"	±0.00025"	±0.00030"	±0.00030"	±0.00040"	±0.00040"
	±0.005mm	±0.005mm	±0.006mm	±0.0076mm	±0.0076mm	±0.010mm	±0.010mm
Width	4mm - 200mm						
Density	1.60g/cm ³						
Tensile Strength (minimum)	10 MPa						
Elongation (minimum)	50%						
Joint Free Lengths	>200m						

SLITTING AND PACKAGING

Slitting width of 5mm to 200mm, the winding roll maximum OD 300mm, the plastic cores ID 76mm with flat pad and step pack/solid pad.

STORING RECOMMENDATIONS FOR UNSINTERED TAPES

For maximum shelf life, it is recommended that PTFE films are stored in a clean, temperature-controlled environment at or below 21°C with relative humidity below 50%.