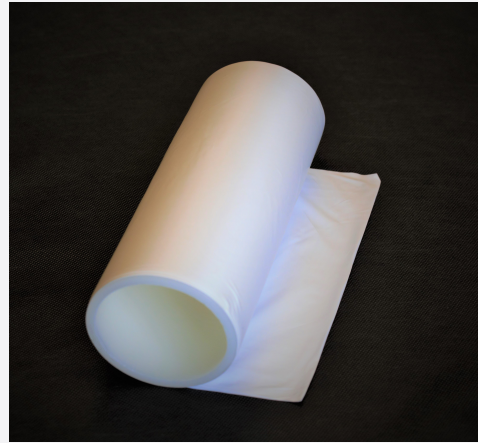


# DeWAL® DW253MS

*Heat-stabilized, expanded PTFE product*

## Features and Benefits:

- Exceptional chemical resistance and extreme temperature range
- Low coefficient of friction
- Excellent drape characteristics and non-stick properties
- Excellent dielectric constant and low dissipation factor



DeWAL® DW 253MS is ideal for:

- High-flex cable and co-axial cable
- Battery and fuel cell separators
- Instrument wiring and non-invasive medical applications
- Gaskets, expansion joints, valve seals, and diaphragms
- Close tolerance, splice-free requirements

PROPERTY	TEST METHOD	VALUE
<b>PHYSICAL</b>		
Backing Material		Expanded PTFE
Density, g/cc	ASTM-D792	0.4 to 1.2
Thickness, inches, (mm)	ASTM-D374	0.002 – 0.020 (0.0508 - 0.508)
Tensile Strength, psi, (MPa)	ASTM-D6040/882 @ 0.002"	2250 (15.5)
Peak Elongation, %	ASTM-D6040/882 @ 0.002"	30
Dielectric Strength, V/mil	ASTM-D149 @ 0.002"	2350
Operational Temperature Range		-450 °F / +500 °F (-268 °C / +260 °C)
<b>PACKING SPECIFICATIONS</b>		
Width, inches, (mm)	N/A	0.375" – 8" Flat Pad 0.156" - 0.876" Solid Pack
Core Diameter, inches, (mm)	N/A	3 (76.2)
Core Type	N/A	Plastic & Cardboard Available
Max Roll O.D., inches, (mm)	N/A	11 (279.4)
Packaging Type	N/A	Flat or Solid Pack