



## DeWAL® DW402P Skived UHMW-PE Film

DeWAL® DW402P is a skived microporous Ultra High Molecular Weight Polyethylene (UHMW) film.

It has a highly uniform pore structure in the X,Y and Z directions, an open-cell structure and can be rendered hydrophilic through surface treatments.

### Applications:

- Gas and liquid filtration
- Medical diagnostic test kits
- Low dielectric constant wrap
- Batteries

PROPERTY	TEST METHOD	VALUE
<b>PHYSICAL</b>		
Base Film		UHMW-PE
Density, g/cc	ASTM-D792	0.60
Thickness, mm, (inches)	ASTM-D374	0.13 – 1.6 (0.005 – 0.062)
Tensile Strength, MPa, (psi)	ASTM-D6040/882 @ 0.005"	16.89 (1000)
Peak Elongation, %	ASTM-D6040/882 @ 0.005"	35
Pore Size Distribution, microns	PMI	5-50
Void Volume, % nominal		30
Heat Distortion Temperature, °C, (°F)		95 (203)
Maximum Operating Temperature, °C, (°F)		93 (200)
<b>PACKING SPECIFICATIONS</b>		
Maximum Width, mm, (inches)	N/A	710 (28)
Core Diameter, mm, (inches)	N/A	76.2 (3)
Max Roll O.D., mm, (inches)	N/A	330 (13)

All metric conversions are approximate.  
Additional technical information is available.  
Typical values should not be used for specification limits.