

DeWAL® DW402BNCP

Skived Porous UHMWPE Film

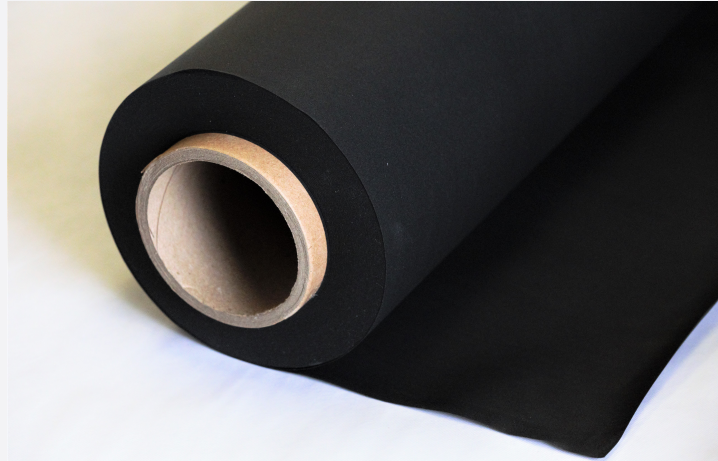
Made from Ultra-High Molecular Weight Polyethylene, DW402BNCP provides permeability, excellent chemical and crush resistance while being more dimensionally stable than expanded films. This material provides a unique set of benefits and features for the designer.

Features:

- Black color for low visibility
- Porous construction for good air permeability

Benefits:

- Excellent chemical resistivity
- High abrasion resistance as compared to PTFE



PROPERTY	TEST METHOD	VALUE
PHYSICAL		
Base Film		UHMW-PE
Density, g/cc	ASTM-D792	0.65
Thickness, mm (inches)	ASTM-D374	0.127 - 1.6 (0.005 - 0.062)
Tensile Strength, MPa, min (psi)	ASTM-D6040/882 @ 0.127 mm	3.44 (500)
Peak Elongation, min %	ASTM-D6040/882 @ 0.127 mm	15
Air Flow, max, seconds, 100 cc / 1 in ² / 20 oz	Gurley Densometer	25
Operating Temperature, °C, (°F)		-20 to 120 (-20 to 250)
Porosity, Vol. %		70
PRODUCT DIMENSIONS		
Maximum Width mm, inches	METRIC 630	ENGLISH 25
Core Diameter mm, inches	76.2 or 152	3 or 6
Core Type		Plastic or Cardboard

Notes:

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