

WIDE WIDTH COOLPRO®

Polypropylene Geomembrane

Seamless up to 12' 6"

CoolPro® Physical Properties

The Cooley Wide Width Advantage:

- Less seam welding and seam failures
- Reduced installation time
- High Tensile Strength
- High tear strength
- High puncture resistance
- Excellent dimensional stability
- High burst strength
- Excellent conformance and lay flat stability
- Excellent cold crack at low temperatures
- High ultraviolet (UV) resistance
- Wide temperature window for thermal sealing
- High peel and shear performance
- Easy to repair or modify
- Available in black, tan and white
- Custom colors and sizes available



MATERIAL PROPERTIES	TEST METHOD	VALUE				
Gauge, nominal (mils)		60	45	36	30	20
Plies, reinforcing 9 x 9, 1,000d scrim		1	1	1	1	1
Breaking Strength, min (lbs)	ASTM D751 Method A	300 x 225	275 x 250	275 x 250	275 x 225	200 x 200
Low Temp Flexibility, 1/8" mandrel (deg F)	ASTM D2136	-40	-40	-40	-40	-40
Puncture Resistance, min (lbs)	FTMS 101C, M2031	325	300	300	300	250
Tear Strength, min (lbs)	ASTM D751 Tongue Tear70.....				
Dimensional Stability, max (% change)	ASTM D1204 180F/1hr1.0.....				
Hydrostatic Resistance, min (psi)	ASTM D751 Method A	350	350	350	300	300
Ply Adhesion, min (lbs/2 inches)	ASTM D751	40	30	30	30	30
Water Absorption, max (% change)	ASTM D570<1%.....				
UV Resistance (Xenon arc)	ASTM G155>12,000 hrs.....				

SEAM PROPERTIES	TEST METHOD	VALUE				
Bonded Seam Strength, min (lbs)	ASTM D751, NSF modified	200	185	185	185	135
Ply Adhesion, min (lbs/in)	ASTM D413	20	20	20	15	10

Typical Applications:

Landfill caps and covers, landfill liners, leachate collection ponds and trenches, waste water treatment lagoons, industrial waste lagoons, fish hatchery, golf course and other recreational ponds.

Cooley/Engineered Membranes
WHERE CHEMISTRY MAKES THE DIFFERENCE

1-800-333-3048