

# COOLPRO® RPP20

## GEOMEMBRANE

### CoolPro® RPP20 | 20 mils

Coated Fabric	Standard	Metric
Thickness (+/- 10%)	20 mils	0.5 mm
Coating Type	Polypropylene	
Coating Distribution	50 / 50	

A variety of standard widths and colors are available including NSF 61 certified material.

Mechanical Properties	ASTM Test Methods	Standard	Metric
Breaking Strength (Warp / Fill)	D751A	200 / 200 lbs	890 / 890 N
Tear Strength (Warp / Fill)	D751B (mod)	70 / 70 lbs	311 / 311 N
Hydrostatic Resistance	D751A	300 psi	2.1 MPa
Puncture Resistance	FTMS 101C, 2031	200 lbs	890 N
Ply Adhesion	D751 (mod)	40 lbs / 2 in*	178 N / 5 cm*
Dimensional Stability	D1204	1 % max	
Low Temperature	D2136	-40°F	-40°C
Abrasion Resistance (H18 / 1 kg)	D3884	2,500 cycles	
Stress Crack Resistance	D1693	3,000 hrs	
UV Resistance (black)	G154	35,000 hrs	

Factory Seam Properties	ASTM Test Methods	Standard	Metric
Bonded Seam Strength	D7749	160 lbs	712 N
Peel Adhesion	D413	10 lbs / in*	17 N / cm*

\* **COMMENT** - Ply Adhesion and Peel Adhesion testing may result in a film tearing bond (FTB) if the strength between layers is greater than the strength of the material itself.

**A One-Stop Shop.** Cooley is the leading provider of a complete range of commercial and potable water-grade geomembranes—including Coolpro® reinforced polypropylene, Coolthane® polyurethane coated fabrics, and Coolshield® for high-temperature and extreme containment applications—to provide cost-competitive solutions for a wide, highly diverse range of applications.



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