

CoolPro® RPP36 | 36 mils

TECHNICAL DATA SHEET

COATED FABRIC SPECIFICATIONS*

Total Thickness (nominal)	36 mils
Thickness (minimum avg)	33 mils
Weight (nominal)	0.16/ft ²
Coating Type	TPO

Revision Date: 8 May 2025
Expiry Date: 6 Jan 2027

SCRIM REINFORCED POLYPROPYLENE

Meets GRI GM-18 / FGI RPP / NSF/ANSI/CAN 61 and AS/NZS 4020 Specification

PROPERTY		MINIMUM	TYPICAL	TEST METHOD
Breaking Strength	warp/fill	275 / 250 lbs	315 / 300 lbs	ASTM D751A
Break Elongation	warp/fill	22 / 22%	35 / 35%	ASTM D751A
Tear Strength	warp/fill	100 / 100 lbs	140 / 140 lbs	ASTM D5884
Hydrostatic Resistance		350 psi	400 psi	ASTM D751A
Puncture Resistance (pyramid)		300 lbs	325 lbs	Method 2031
Puncture Resistance (flat tip)		75 lbs	85 lbs	ASTM D4833
Ply Adhesion		40 lbs/2 in	45 lbs/2 in	ASTM D751
Dimensional Stability		1% (max)	0.5% (max)	ASTM D1204
Abrasion Resistance (H18/1 kg)		7,500 cycles	10,000 cycles	ASTM D3389
Low Temperature Bend		-40°F (max)		ASTM D2136
UV Resistance – No chalking/cracking		20,000 hrs	40,000 hrs	ASTM D7238
UV Resistance (20K hrs) – Tensile strength and elongation retained		>50%	>92%	ASTM D751
Bonded Seam Strength		200 lbs	240 lbs	ASTM D7749
Seam Peel Adhesion		25 lbs/in	30 lbs/in	ASTM D7747

Comments:

- This product is safe for fish and plants and passes the following USEPA Chronic Toxicity Screening tests: EPA 1000.0, EPA 1002.0, EPA 2000, and EPA 2021.0
- Seam strength complies with the specification GRI GM-19b, Seam Strength and Related Properties of Thermally Bonded Reinforced Polyolefin Geomembranes/Barriers.



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