

TECHNICAL DATA SHEET

CoolPro® RPP60

SCRIM REINFORCED POLYPROPYLENE

MEETS GRI GM-18 / NSF Standard 61 / AS4020 / FGI RPP Specification

MECHANICAL PROPERTIES	Standard	Metric	ASTM TEST METHODS
Weight	0.28 lbs/ft ²	1346 g/m ²	D5261
Thickness - Nominal	60 mil	1.52 mm	D5199
Thickness - Minimum Average	54 mil	1.37 mm	D5199
Breaking Strength			
Warp (MD)	325 lbs	1446 N	D751A
Fill (TD)	300 lbs	1334 N	
Breaking Elongation			
Warp (MD)	22 %	22 %	D751A
Fill (TD)	22 %	22 %	
Tear Strength			
Warp (MD)	70 lbs	311 N	D751B (mod)
Fill (TD)	70 lbs	311 N	
Hydrostatic Resistance	350 psi	2.4 MPa	D751A
Puncture Resistance (Pyramid)	300 lbs	1334 N	FTMS 101C, 2031
Puncture Resistance (Flat Tip)	100 lbs	445 N	D4833
Ply Adhesion	40 lbs/2 in	178 N/5 cm	D751 (mod)
Dimensional Stability	1 % max	1 % max	D1204
Low Temperature	-40 °F	-40 °C	D2136
Abrasion Resistance (H18 / 1kg)	10,000 cycles	10,000 cycles	D3884
Stress Crack Resistance	3,000 hrs	3,000 hrs	D1693
UV Resistance (black)	40,000 hrs	40,000 hrs	G154
FACTORY SEAM PROPERTIES			
Bonded Seam Strength	200 lbs	890 N	D7749
Peel Adhesion	20 lbs/in	35 N/cm	D6636

COMMENTS - 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 variety of standard widths and colors are available. Contact Cooley Engineered Membranes.

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