

PRODUCT SPECIFICATION

CoolPro[®] UPP
(Unreinforced)

1.0 STYLE

2.0 MATERIAL PROPERTIES

	<u>UPP20</u>	<u>UPP30</u>	<u>UPP40</u>
2.1 Thickness (±10%)	20 mil	30 mil	40 mil
2.3 Resin Type	← Polypropylene →		

3.0 MECHANICAL PROPERTIES

ASTM TEST METHODS

	<u>UPP20</u>	<u>UPP30</u>	<u>UPP40</u>	
3.1 Tensile Strength	36 lbs/in	54 lbs/in	72 lbs/in	D6693
3.2 Tensile Elongation	700 %	700 %	700 %	D6693
3.3 Tear Resistance	8 lbs	10 lbs	12 lbs	D1004
3.4 Puncture Resistance	14 lbs	25 lbs	30 lbs	D4833
3.5 Dimensional Stability	±1 % max	±1 % max	±1 % max	D1204
3.6 Low Temperature	-40 °F	-40 °F	-40 °F	D2136
3.7 Stress Crack Resistance	3,000 hrs	3,000 hrs	3,000 hrs	D1693
3.8 UV Resistance (black)	35,000 hrs	35,000 hrs	35,000 hrs	G154
3.9 Ozone Resistance (100 ppm / 104°F / 7 days)	Pass	Pass	Pass	D1149

A variety of standard widths and colors are available including NSF 61 certified material. Contact Cooley Engineered Membranes for details.

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