

## C3 PLUS 45 MIL TECHNICAL DATA

CHARACTERISTICS	ASTM TEST METHOD	PHYSICAL PROPERTIES
<b>Color</b>		White (top) / Grey(bottom)
<b>Roll Size</b>		78" wide x 108' long
<b>Weight</b>		4.9 oz/ft <sup>2</sup> (nominal)
<b>Thickness</b>	ASTM D-751	45 mil (nominal)
<b>Breaking Strength</b> (minimum, lbs./in.)	ASTM D-751 (grab method)	300 lbs. X 300 lbs. <sup>1</sup>
<b>Seam Strength</b> (minimum % of breaking strength)	ASTM D-638	90%
<b>Elongation @ Break</b> (minimum, %)	ASTM D-751	17% x 19 % <sup>1</sup>
<b>Heat Aging</b> (minimum, %)	ASTM D-3045	80% x 80% <sup>1</sup>
<b>Tear Strength</b> (minimum, lbs.)	ASTM D-751 (Tongue Method)	100 lbs. X 100 lbs. <sup>1</sup>
<b>Low Temperature Bend</b>	ASTM D-2136	PASS (-40°F)
<b>Permeance</b>	ASTM E-96 (Procedure BW)	0.001 Perms
<b>Dimensional Change</b> (maximum %)	ASTM D-1204 (@ 176°F, 6 hrs.)	0.3%
<b>Dimensional Change</b> (maximum %)	ASTM D-1204 (@ 212°F, 1 hrs.)	1.0%
<b>Water Immersion</b> (weight, change, Max %)	ASTM D-570 (@ 158°F, 1 week)	1.0%
<b>Hydrostatic Resistance</b> (min, psi)	ASTM D-751 (Method D)	400 psi
<b>Ozone Resistance</b>	ASTM D-1149	PASS
<b>EMMAQUA<sup>®</sup> Test</b>	ASTM E-838	PASS (2.7 million Langley's)

<sup>1</sup> This data is reported in Warp X Fill values.

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