

Tested Property	ASTM Test Method	Property of Unaged Sheet	Property After Aging 28 days @ 176°F
Tolerance on Nominal Thickness, %	D 751	±10	
Thickness over Scrim, mm • 0.9 • 1.14 • 1.5	D 4637 Optical Method	0.279 0.330 0.457	
Thickness over Scrim, mm • 0.9 • 1.14 • 1.5	D 5261	0.83 typical 1.03 typical 1.42 typical	
Breaking Strength, kN	D 751 Grab Method	1.1 min. 1.3 typical	1.1 min. 1.3 typical
Elongation at Break of Fabric, %	D 751	25 typical	25 typical
Tearing Strength, N	D 5884 Tongue Tear	245 min. 445 typical	245 min. 445 typical
Low Temperature Flexibility, °C	D 2136 1/8 in. mandrel 4 hour @ temp	-40 max. -46 typical	
Linear Dimensional Change (shrinkage), %	D 1204		+/-1.0 max. -0.5 typical
Ozone Resistance, 100 pphm, 168 hours	D 1149	No Cracks	No Cracks
Resistance to Water (distilled) absorption After 30 days immersion 50°C Change in Mass, %	D 471 (coating compound)	1.0 max. 0.5 typical	
Hydrostatic Resistance, MPa (Mullen Burst) • 0.9mm • 1.14mm • 1.5mm	D 751 Procedure A	2.4 min. 2.8 typical 3.1 typical 3.4 typical	2.4 min. 2.8 typical 3.1 typical 3.4 typical
Field Seam Strength, kN/m Seam tested in peel after weld	D 1876	5.25 min.	10.5 typical
Water Vapour Permeance, Perms	ASTM E 96	0.10 max. 0.05 typical	
Puncture Resistance, N • 0.9mm & 1.14mm • 1.5mm	FTM 101C Method 2031	1110 min. 1330 typical 1560 typical	1110 min. 1330 typical 1560 typical
Resistance to xenon-arc weathering <sup>2</sup> • Xenon-Arc, 10,080 kJ/m <sup>2</sup> total radiant • Exposure, visual condition at 10X	G 155 0.70 W/m <sup>2</sup> 80°C B.P.T.	No Cracks No loss of breaking or tearing strength	

<sup>2</sup> Approximately equivalent to 8000 hours exposure at 0.35 W/m<sup>2</sup> irradiance 4/03

*This data is provided for informational purposes only and is not intended as a warranty or guarantee. Viking Containment assumes no responsibility in connection with the use of this data. These values are subject to change without notice. Please contact us for updated information.*

## Colours & Finishes

It is manufactured in black/black, tan/black and white/black. Custom colours with minimum quantity requirement are available upon request.

## Dimensions

Thickness and roll sizes vary and are available upon request.