

Physical Property	ASTM Test Method	Minimum Values	
Thickness Tolerance	D 5199	1.14mm ± 10%	1.52mm ± 10%
Break Strength	D 882	9.6kN/m	11.4kN/m
Break Elongation	D 882	500%	500%
Tear Resistance min.	D 1004	40N	53N
Puncture Resistance	D 4883	125N	155N
Brittleness Temperature max.	D 746	-42.7°C	-42.7°C
Water Vapour Permeance max.	E 96 (Proc. B or BW)	2.0 perms	2.0 perms
Resistance to Water Absorption after 7 days immersion @ 70°C, max.	D 471	+4.0% -2.0%	+4.0% -2.0%
Resistance to Heat Ageing (Properties after 170hrs @ 100°C)			
• Tensile Break Strength	D 882	8.8kN/m	10.5kN/m
• Elongation, Ultimate min.		450%	450%
Multi-Axial Elongation	D 5617	100%	100%
Dimensional Stability 168 hrs, 100°C	D 1204	0.75%	0.75%
Ozone Resistance Condition after exposure to 100 ppm ozone in air for 168 hrs @ 60°C sample under 50% strain	D 1149	No Cracks	No Cracks
Resistance to Outdoor (Ultraviolet) Weathering ¹ , Xenon-Arc, 10,080 kJ/m ² exposure @ 80°C, Black panel temperature, visual examination 7 x magnification	G 155	No Cracks	No Cracks
Toxicity to Fish*	E 729(96) (modified)	Pass	Pass
Shore A Durometer	D 2240	60±10	60±10

1. Approximately equal to 8,000 hours at 0.35W/m² irradiance.

* It is recommended that customers test EPDM before use to ensure it is compatible with the specific aquatic species for the proposed application.

This data is 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

Black or white smooth finish.

Dimensions

Thickness and roll sizes vary and are available upon request.