



PACIFIC MARINE & INDUSTRIAL

MANUFACTURING ♦ DISTRIBUTION ♦ SERVICE

EPDM SPECIFICATIONS

CUT SHEET

PROPERTY	TEST METHOD	BLACK EPDM	GRAY EPDM
Min. Tensile Strength	ASTM D-412	2000 PSI	1000 PSI
Min. Elongation	ASTM D-412	300%	200%
Hardness-Shore A Durometer	ASTM D-412	70 ± 5	70 ± 5
Modulus @ 400% Elongation	ASTM D-412	900 PSI Min.	300 PSI Min.
Heat Resistance	ASTM D-573 A ₁₄ 70 h @ 212°F A ₁₃ 70 h @ 158°F Max. Change in Hardness Max. Change in Tensile Max. Change in Ultimate Elongation	+10 Pts. -25% -25%	+10 Pts. -25% -25%
Compression Set	ASTM D-395 Method B B ₁₃ & Z ₄ 22 h @ 158°F	25% Max.	50% Max.
Ozone Resistance	ASTM D-1171 C ₁₂ 100°F @ 50pphm	No Cracks	No Cracks
Water Resistance	ASTM D-471 EA ₁₄ 70 h @ 212°F Z ₃ 166 h @ 212°F	10% Max. Swell	10% Max. Swell
Low Temperature Brittleness	ASTM D-2137 Method A, 9.3.2 F ₁₇ Non-brittle after 3 min. @ -40°F F ₁₉ Non-brittle after 3 min. @ -67°F	Passes	Passes
Load Deflection	ASTM D-575 Method A Z ₁ 20% Deflection	300 ± 70 PSI	250 ± 70 PSI
Tear Resistance	ASTM D-624 Z ₂ Die B	200 PPI Min.	150 PPI Min.



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