

# EPDM 954 Sealing Solutions

Compound No./Material Name:	Rubber Classification	Service Temperature Range:	Color:
EPDM 954	(ASTM D1418): EPDM	-72°F to 302°F (-58°C to 150°C)	Black

Description (ASTM Standard)	Typical
<b>Original Properties</b>	
Specific Gravity (D792)	1.19
IRHD Hardness, Shore M, Points (D1415)	80
Hardness, Shore M, Points (D2240)	86
Tensile Strength @ Break, psi [MPa] (D1414)	2,454 [16.9]
Elongation, % (D1414)	149
Modulus @ 100% Elongation, psi [MPa] (D1414)	1,451 [10.0]
Tear Strength, lb/in [kN/m] (D624, Method B)	161 [28.2]
TR-10/50, °F [°C] (D1329)	-59 [-51]
Coefficient of Static Friction (D1894)	1.6
Coefficient of Kinetic Friction (D1894)	1.4
Coefficient of Linear Thermal Expansion, $\mu\text{in/in/}^\circ\text{F}$ [ $\mu\text{m/m/}^\circ\text{C}$ ] (E831)	69 [124]
<b>Compression Set @ 25% Deflection</b>	
22 Hours @ 250°F [121°C], in Air, % of Original Deflection, % (D395, B)	9

## Notes:

1. Unless otherwise noted, all tests performed on -214 o-rings.
2. Tested to prEN6111 and NAS 1613.

## Contact Us

Greene Tweed  
Kulpsville, PA, USA

Tel: +1.215.256.9521  
Fax: +1.215.256.0189

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