

Description:

These natural, rubber-based elastomers offer a tough, high resilience, high flex life, low-cost option for applications that are not expected to be exposed to high temperatures or petroleum-based oils. Both compounds utilize the latest technology to use renewable resources and meet international regulations. Both elastomers can be used to mold complex geometry fabric-reinforced diaphragms, including those with metal inserts.



Typical Physical Properties:

(ER-1902-EXPH & ER-1903-EXPD ASTM D2000 line call-outs & test data is based on limited test data. Values may change.)

- High Strength
- High Flex Life
- Ozone Protection
- Enhanced Adhesion to Fabric & Materials
- Two Durometers: 50 & 70 points
- General Expected Temperature Range of Use: -40°F to 158°F.

PROPERTY	ER-1903-EXPD	ER-1902-EXPH
Base Polymer	Natural Rubber	Natural Rubber
ASTM D2000 Callout	M1AA517*	M1AA714*
Durometer (Shore A, pts.)	52	69
100% Modulus	328	627
300% Modulus	1,126	2,266
Tensile Strength (psi)	2,954	2,465
E@B(%)	499	326
Specific Gravity	1.11	1.21

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