Foam N' More
FOAM FABRICATORS - SINCE 1980

Description:

- Closed Cell Expanded Neoprene Rubber
- Black in color
- Excellent physical properties including abrasion and low temperature resistance. Fair resistance to petroleum based fluids.

## Typical Physical Properties

| Series<br>Physical Properties | Test Method | Neoprene |
|---|---|---|
| Product Designations/ Specifications | ASTM D-1056-014 | 2A1 |
| | SAE J-18 APR 2002 | 2A1 |
| | SAE J-18 APR 2002<br>ASTM D-6576-13<br>TYPE (MIL R 6130) | TYPEII,<br>A/B/C<br>SOFT |
| Density (lb/ft$^3$) | ASTM D-1056 | 6±2 |
| Hardness (Durometer Shore 00) | ASTM D-2240 | 45±5 |
| Compression Deflection: 25% psi | ASTM D-1056 | 2+5 |
| Compression Set (%) | ASTM D-1056 | ≤40 |
| Tensile Strength (psi) | ASTM D-412 (DIE A) | 75 |
| Tear Strength (lb/in) | ASTM D-624 (DIE C) | 9.6 |
| Elongation (%) | ASTM D-412 (DIE A) | 125 |
| Service Temperature<br>Low ˚F<br>High Continuous ˚F<br>High Intermittent ˚F | ASTM D-746 | <br>(-)40<br>200<br>250 |
| Water Absorption (max. weight change %) | ASTM D-1056 | ≤10 |
| Fluid Immersion<br>7 days @ 23°C (73.4°F)<br>ASTM Ref. Fuel B, weight change max % | ASTM D-1056 | <br><br>N/A |
| Accelerated Aging: 7 days @ 158°F<br>180° bend without cracking<br>Appearance Change<br>Change in Compression Deflection (%) | ASTM D-1056 | <br>PASS<br>NONE<br>≤30 |
| Combustion Charasteristics | FMVSS-302<br>UL 94HF-1 | PASS<br>PASS |

*UL listed specific thickness. Black only.



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