



MANUFACTURER OF
CLOSED CELL SPONGE RUBBER
& PLASTIC FOAM



SEPTEMBER 2015

**DURAFOAM™ NBR SERIES
100% PURE NITRILE RUBBER
TYPICAL PHYSICAL PROPERTIES**

| PHYSICALS | DURFOAM C41NBR | DURAFOAM C42NBR | DURAFOAM C43NBR |
|--|--------------------------------|--------------------------------|--------------------------------|
| POLYMER | NITRILE BUTADIENE RUBBER (NBR) | NITRILE BUTADIENE RUBBER (NBR) | NITRILE BUTADIENE RUBBER (NBR) |
| COLOR | BLACK | BLACK | BLACK |
| ASTM-D-1056-67 CLASSIFICATION | SBE 41 | SBE 42 | SBE 43 |
| ASTM D-1056-14 CLASSIFICATION | 2B1 | 2B2 | 2B3 |
| 25% COMPRESSION DEFLECTION (psi) | 2 to 5 | 5 to 9 | 9 to 13 |
| DENSITY (lbs/ft ³), Minimum, Approx. | 7 | 8 | 10 |
| WATER ABSORPTION, By Weight ASTM-D-1056 (max). | 5% | 5% | 5% |
| TENSILE (psi) | 70 min. | 100 min. | 110 min. |
| ELONGATION (%) | 140% min. | 140% min. | 175% min. |
| COMPRESSION SET ASTM-D 1056 | <25% | <25% | <25% |
| TEMPERATURE RESISTANCE, LOW°F/HIGH°F | -40 / +250 | -40 / +250 | -40 / +250 |
| FLAMMABILITY – FMVSS302 | PASS | PASS | PASS |
| FLUID IMMERSION MAX % | ALLOWED 100% | 50% | 50% |

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**ISO CERTIFIED 9001:2008
CERTIFICATE #US08/5033**



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