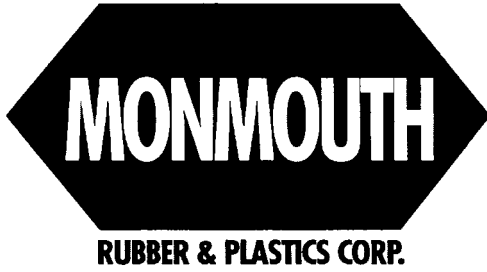


February 8, 2011



**PHYSICAL PROPERTIES CHART**

**DURAFOAM™ NBR SERIES  
100% PURE NITRILE RUBBER**

<b>PHYSICALS</b>	<b>DURFOAM C41NBR</b>	<b>DURAFOAM C42NBR</b>	<b>DURAFOAM C43NBR</b>
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-1056-00 CLASSIFICATION	2B1	2B2	2B3
25% COMPRESSION DEFLECTION (psi)	2 to 5	5 to 9	9 to 13
DENSITY (lbs/ft <sup>3</sup> ), Minimum, Approx.	7	8	10
WATER ABSORPTION, By Weight ASTM-D-1056 (max).	5%	5%	5%
TENSILE (psi)	100 min.	125 min.	175 min.
ELONGATION (%)	175% min.	175% min.	175% min.
TEMPERATURE RESISTANCE, LOW°F/HIGH°F	-40 / +250	-40 / +250	-40 / +250
FLAMMABILITY – FMVSS302	PASS	PASS	PASS

**DISCLAIMER:** To the extent that the above product information is derived from sources other than Monmouth Rubber, Monmouth Rubber is substantially, if not wholly, relying upon the other source(s) to provide accurate information. Information provided as a result of Monmouth Rubber's own technical analysis and testing is accurate to the extent of our knowledge and ability, using effective standardized methods and procedures. Each user of these products, or information, should perform their own tests to determine the safety, fitness and suitability of the products, or combination of products, for any foreseeable purposes, applications and uses by the user and by any third party to which the user may convey the products. Since Monmouth Rubber cannot control the end use of this product, Monmouth Rubber does not guarantee that the user will obtain the same results as published in this document. The data and information is provided as a technical service, and the data and information is subject to change without notice. When considering the above product as a competitive equivalent material, please keep in mind that some materials have unique physicals that are not part of the recognized industry specifications and standards. Therefore, customer sample evaluation and approval of any substitution is suggested. Monmouth Rubber will supply free of charge evaluation & testing of its materials to assist customers in their evaluation. For technical evaluation and support, please contact John M. Bonforte, Sr., Ext. 12, or email: [johnsr@monmouthrubber.com](mailto:johnsr@monmouthrubber.com).



ISO CERTIFIED TO 9001:2008  
CERTIFICATE #US08/5033

**Have a Technical Question?**  
 "Ask John" is Monmouth's global technical support service. It is **FREE** and brings real value to your company. It allows Monmouth's customers and visitors to have a 24/7 Technical Library & Test lab, absolutely **FREE**. Have a technical question or problem? Just email [johnsr@monmouthrubber.com](mailto:johnsr@monmouthrubber.com), or call 1-732-229-3444 Ext 12 and "Ask John".

**PHYSICAL AND SHOCK ATTENUATION TEST LABORATORY**

**75 LONG BRANCH AVENUE, LONG BRANCH, NJ 07740**

**PHONE 888-FOAM-888 FAX 800-375-1962**

**Email [sales@monmouthrubber.com](mailto:sales@monmouthrubber.com) Internet <http://www.rubberplastics.com>**