



MANUFACTURER OF  
CLOSED CELL SPONGE RUBBER  
& PLASTIC FOAM



DECEMBER 2016

**DURAFOAM™ C110FR NEOPRENE/EPDM/POLYMERIC BLEND**  
**CERTIFIED TEST REPORT TO FDA REGULATION CFR 21, PART 177.2600**

Color	Off White	Elongation	200%
ASTM-D-1056-99	2C1	Density, Approximate	6 pcf
SAE J18 (Rev. July 1992)	2C1	Shore 00 Durometer	30 approx.
Compression Set (ASTM-D-1056) Suffix B, 25% max.	20% PASS	Compression Deflection @ 25%	3-5 psi
Mil-C-3133, SCE 42 & SCE 7	PASS	Ozone Resistance, ASTM-D-1171 72 hrs @ 102°F, 50 pphm ozone	No Cracks -- PASS
Oil Resistance, Fluid immersion 7 days @ 23°C or 74°F	PASS	UV Resistance, 120 hr QUV Ultra-violet light exposure	EXCELLENT
Flame Retardant, UL94-HF1 NOT LISTED	Self- Extinguishing - PASS		

**High Performance Features**

- High Heat Resistance
- Low Compression Set
- 100% Recyclable
- CFC & HCFC Free
- Dimensionally Stable (Very Low Shrinkage)
- Unique Soft, Supple, Real Rubber Feel
- Very Fine Cell Structure
- Bonds well to most pressure sensitive adhesives including economy rubber based products
- Available standard in gray and off white
- Available on special order in custom colors

**Chemical Stability**

- Natural Gas – Excellent
- Animal, Vegetable Oils – Excellent
- Water Swell Resistance – Excellent
- Acid, Dilute – Good
- Sodium Hydroxides – Good

**This is to certify that Durafoam C110FR, as manufactured by Monmouth Rubber & Plastics Corp., complies with FDA Regulation CFR 21, Part 177.2600 regarding Rubber Articles Intended For Repeated Use and Part 184 Direct Food Substances Affirmed As Generally Recognized As Safe (GRAS)**

Please note that while Durafoam C110FR complies with the above FDA regulation, and possibly other FDA regulations, it is the end-product manufacturer's responsibility to insure that his/her product meets all the relevant requirements for the final product application. This may include certain extraction tests called out in the 177.2600 Regulation.

**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 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".

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