December 2018

ONLY THE DURAFOAM™ DK SERIES IS U. L . RECOGNIZED FOR ALL 5 HARDNESSES

TO UL 50E, UL 157, UL 508, UL 94HF-1

ALL 5 HARDNESSES ARE ALSO LISTED TO CANADIAN LISTING CAN/CSA C22.2 NO. 017-92.

DK1111, DK2121, DK3131, DK4141, DK5151

DURAFOAM™	DK1111	DK2121	DK3131	DK4141	DK5151
COLOR	BLACK	BLACK	BLACK	BLACK	BLACK
DENSITY (PCF APPROX.)	6 +/- 2	6 +/- 2	9 +/- 2	10 +3/-2	13 +/- 4
POLYMER **See Note B:**	NEO/EPDM POLYMERIC BLEND	NEO/EPDM POLYMERIC BLEND	NEO/EPDM POLYMERIC BLEND	NEO/EPDM POLYMERIC BLEND	NEO/EPDM POLYMERIC BLEND
ASTM-D-1056-67 & 68, GRADE #	SCE 41	SCE 42	SCE 43	SCE 44	SCE 45
ASTM-D-1056-91 & 07 SAE J18-R7/92	2C1	2C2	2C3	2C4	2C5
COMPRESSION SET, SUFFIX B2 25% MAXIMUM	PASS	PASS	PASS	PASS	PASS
COMPRESSION DEFLECT. @ 25% DEFLECTION	2 - 5 PSI	5 - 9 PSI	9 – 13 PSI	13 – 17 PSI	17 – 25 PSI
WATER ABSORP.BY WEIGHT MAX, ASTM MTHD.	5% (10% ALLOWED)	5% (10% ALLOWED)	5% (10% ALLOWED)	5%	5%
TEMPERATURE RESISTANCE Low ºF/High ºF **See Note A**	-40/+250	-40/+250	-40/+250	-40/+250	-40/+250
ELONGATION % Min	150	150	150	150	150
HEAT AGING, 7 days @ 158ºF) +/- 30% MAX CD CHANGE	PASS	PASS	PASS	PASS	PASS
TENSILE STRENGTH Min.	75 psi	80 psi	100 psi	125 psi	150 psi
OZONE 20% STRESS, 72 HRS @100 PPHM, ASTM-D-1171-94; 1149-91; GM6086M; GM4486P; CHRYSLER MSAY 527	PASS	PASS	PASS	PASS	PASS
OIL RESISTANCE, FLUID IMMERSION E1, 7 Days @ 23ºC or 74ºF	PASS	PASS	PASS	PASS	PASS
FLAME RESISTANCE TO UL 94 HF1, FMVSS302	PASS U.L. #E208679	PASS U.L. #E208679	PASS UL #E208679	PASS UL #E208679	PASS UL #E208679
FLAME RESISTANCE TO CANADIAN CAN/CSA C22.2 # 017-92	PASS U.L. #E208679	PASS U.L. #E208679	PASS UL #E208679	PASS UL #E208679	PASS UL #E208679
U.L. 50E, U.L. 157, & U.L. 508	PASS U.L. #JMLU2 MH10200	PASS U.L. #JMLU2 MH10200	PASS U.L. #JMLU2 MH10200	PASS U.L. #JMLU2 MH10200	PASS U.L. #JMLU2 MH10200

NOTE A: For temperature resistance lower and/or higher than the above figures, please contact technical assistance. Under certain conditions, values greater than -40/+250 are possible.

NOTE B: Monmouth's materials are manufactured to ASTM-D-1056 and other related ASTM Standards. ASTM specifies physical performance, not polymers nor polymer content. Monmouth's lab is equipped to certify to all the ASTM specifications either customer specified or on our physical properties chart. If a particular polymer or polymer content is required, please contact John Sr. with your specific requirements.

DISCLAIMER: To the extent that the above product information is derived form 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*.

ISO CERTIFIED 9001:2008
CERTIFICATE #US08/5033

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