

DURAFOAM™ DK Series

U.L. Recognized DURAFOAM™ DK Series: DK1111, DK2121, DK3131, DK4141, DK5151

Description:

The DURAFOAM™ DK Series is the only full line of ASTM SCE 41 through SCE 45 that is recognized to UL 50, UL 157, UL 508, UL 94HF-1, and Canadian listing CAN/CSA C22.2 No. 017-9. Further the listing is for a minimum thickness of 1.5 mm for all grades.

DURAFOAM™	DK1111	DK2121	DK3131	DK4141	DK5151
Color	Black	Black	Black	Black	Black
Density (PCF Approx.)	5	7	13.5	14.5	16
Polymer	Neoprene/EPDM Blend	Neoprene/EPDM Blend	Neoprene/EPDM Blend	Neoprene/EPDM Blend	Neoprene/EPDM Blend
ASTM-D-1056-67 & 68, Grade #	SCE 41	SCE 42	SCE 43	SCE 44	SCE 45
ASTM-D-1056-91 & 00, SAE J18-R7/92	2C1	2C2	2C3	2C4	2C5
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 Resist Low °F/High °F	-40/+250	-40/+250	-40/+250	-40/+250	-40/+250
Elongation % Min.	150	150	150	150	150
Heat Aging (7 days @ 158°F) CD % Max. Change	30	30	30	30	30
Tensile Strength Min.	90 PSI	120 PSI	175 PSI	200 PSI	225 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 @ 23°C or 74°F)	Pass	Pass	Pass	Pass	Pass
Flame Resistance to UL 94 HF1, FMVSS302	Pass U.L.#E208679	Pass U.L.#E208679	Pass U.L.#E208679	Pass U.L.#E208679	Pass U.L.#E208679
Flame Resistance to Canadian CAN/CSA C22.2 # 017-92	Pass U.L.#E208679	Pass U.L.#E208679	Pass U.L.#E208679	Pass U.L.#E208679	Pass U.L.#E208679
U.L. 50- Std. for Safety for Enclosures for Electrical Equip.	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
U.L. 157- Std. for Safety for Gaskets and Seals	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
U.L. 508-Std. for Safety of Industrial Control Equip.	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
ASTM E 84 Flame Spread	Under 25	Under 25	Under 25	Under 25	Under 25

Chemical Resistance			
Oxidation Resistance Aliphatic Hydrocarbons Aromatic Hydrocarbons Petroleum, Crude Natural Gas Gasoline, Fuel Oil Lubricating Oils	Excellent Excellent Excellent Excellent Excellent Excellent Excellent	Animal, Vegetable Oils Water Swell Resistance Acid, Dilute Sodium Hydroxides Chlorinated Solvents Oxygenated Solvents	Excellent Excellent Excellent Excellent Excellent