J&K Foam Fabricating Inc.
CONCRETE SOLUTIONS
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TECH DATA

Neoprene Sponge XS

PHYSICALS	DURAFOAM
POLYMER	NEOPRENE/EPDM BLEND
COLOR	BLACK
DENSITY (PCF APPROX.)	5
ASTM-D-1056-67 & 68 GRADE #	SCE 41
ASTM D-1056-91 & 00, SAE J18-R7/92	2C1
ELONGATION % MIN	150
COMPRESSION DEFLECTION, @ 25% DEFLECTION	2 TO 5 PSI
WATER ABSORPTION, BY WEIGHT, MAX., ASTM-D-1056 METHOD	5% (10% ALLOWED)
HEAT AGING, 7 DAYS @ 158°F, CD % MAX CHANGE	30
TEMPERATURE RESISTANCE, LOW°F/HIGH°F	-40 / +250
TENSILE STRENGTH (PSI) APPROX.	90 PSI
OZONE 20% STRESS, 72 HRS @ 100 PPHM, ASTM-D-1171-94; 1149-91; GM6086M; GM4486P; CHRYSLER MSAY 527	PASS
OIL RESISTANCE, FLUID IMMERSION E1, 7 DAYS @ 23°C OR 74°F	PASS
FLAME RESISTANCE, UL 94HF-1, FMVSS302	PASS U.L #E208679
FLAME RESISTANCE TO CANADIAN CAN/CSA C22.2 #017-92	PASS U.L E208679
UL 50 – STANDARD FOR SAFETY FOR ENCLOSURES FOR ELECTRICAL EQUIPMENT	PASS U.L #JMLU2 MH10200
UL 157 – STANDARD FOR SAFETY FOR GASKETS AND SEALS	PASS U.L #JMLU2 MH10200
UL 508 – STANDARD FOR SAFETY FOR IINDUST. CONTROL EQUIPMENT	PASS U.L #JMLU2 MH10200

CHEMICAL RESISTANCE

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