



**MANUFACTURER OF  
CLOSED CELL SPONGE RUBBER  
& PLASTIC FOAM**

**MADE IN AMERICA  
TRUSTED THROUGHOUT THE  
WORLD**



**MAY 2024**

**NON SULPHUR CURE – 100% NEOPRENE<sup>A</sup>**  
**DURAFOAM™ NSC41NEO, NSC42NEO, NSC43NEO**

PHYSICAL PROPERTIES	DURAFOAM NSC41NEO	DURAFOAM NSC42NEO	DURAFOAM NSC43NEO
Polymer	100% Neoprene	100% Neoprene	100% Neoprene
Color	Black	Black	Black
Specifications:			
ASTM-D 1056-14	2C1	2C2	2C3
ASTM-D 1056-67	SCE41	SCE42	SCE43
SAE J18-02	2C1	2C2	2C3
25% Compression Deflection (Lbs./in <sup>2</sup> )	2 - 5	5-9	9-13
Shore OO Durometer (Approximate)	30 - 50	40-60	50-70
Density (Approximate Lbs./Ft <sup>3</sup> )	10	12	15
Water Absorption by Weight (Max. %)	5%	5%	5%
Temperature Range	-70 to 200F	-70 to 200F	-70 to 200F
Weather Resistance:			
UV	Excellent	Excellent	Excellent
Ozone	Excellent	Excellent	Excellent
Low Temperature Flex, 5hrs at -40° F (-40 °C)	Pass No Cracks	Pass No Cracks	Pass No Cracks
Accelerated aging, change from original Compression Deflection values (Max %)	+/-30%	+/-30%	+/-30%
Accelerated Linear Shrinkage (Typical)	5%	5%	5%
Fuel B Resistance (% Max)	250	150	150
Tensile Strength (Typical)	45 PSI	70 PSI	90 PSI
Elongation (Typical)	250%	250%	250%
Compression Set (%)	35%	35%	25%
Flammability:			
FM VSS No. 302	Pass	Pass	Pass
ASTM D 6576	Pass	Pass	Pass
UL 94 HBF	Pass	Pass	Pass
UL 94 HF1	Pass	Pass	Pass

**A - THIS PRODUCT IS CURED WITHOUT SULPHUR. MONMOUTH ADDS NO SULPHUR FOR CURING. APPLICATIONS SENSITIVE TO SULPHUR, USE NON SULPHUR CURED CLOSED CELL SPONGE. AS WITH ANY OF OUR PRODUCTS IT IS ALWAYS RECOMMENDED THE CUSTOMER TEST THE MATERIAL IN THEIR SPECIFIC APPLICATION.**

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**ISO CERTIFIED 9001:2015  
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