



HANNA RUBBER COMPANY

Specification Sheet

Closed Cell Silicone Sponge Rubber Soft Density

SHEETING GRADE: Fabric Finish Hanna Rubber Style HR151

TEMPERATURE RANGE: -76°F to +450°F

SPECIFICATIONS: Sponge, Silicone Rubber Closed Cell, Soft. These products meet the flammability requirements of FAR 25/JAR 25/CS 25 Appendix F, Part 1, (a)(1)(iv) and (a)(1)(v) horizontal flammability tests. WRAS (Water Regulations Advisory Service) for use in potable water at temperatures up to 185°F.

GENERAL CHARACTERISTICS FOR SILICONE RUBBER: Environmental Resistance Silicone rubber products have excellent resistance to ozone, oxidation, ultraviolet light, corona discharge, cosmic radiation, ionizing radiation and weathering in general. Silicone rubber products produce very low levels of toxic fume when burnt.

COLORS AVAILABLE: Red Oxide, Black, Gray & White

Property	Unit	Limit	Typical	Test Method
Compression deflection(25%)	kPa (psi)	21-55 (3-8)	28 (4)	ASTM D1056
Density, thickness <6.4mm	kg/m3 (pcf)	690 (43) max.	475 (30)	ASTM D1056
Density, thickness ≥6.4mm	kg/m3 (pcf)	550 (34) max.	430 (27)	ASTM D1056
Compression set (22h, 100°C)	%	60 max.	4	ASTM D1056
Tensile strength	kPa (psi)	225 (33) min.	283 (41)	ASTM D412
Elongation	%	150 min.	259	ASTM D412
Low temperature flexibility	°C (°F)	-55 (-67)	-75 (-103)	ASTM D1056
Temperature range	°C (°F)	-73 to 233 (-99 to 451)	-75 to 235 (-103 to 455)	

*0.5" sample

Hanna Rubber accepts no responsibility for results obtained. Each user of these products, or information, should perform their own tests to determine the suitability of the material. Hanna Rubber does not guarantee that the user will obtain the same results. The data and information are subject to change without notice.