



HANNA RUBBER COMPANY

Specification Sheet

F-12 Silicone Foam

Physical Property	Test Method	Value
Continuous Length (Yards)		up to 36"(914)(Wide)
Tensile Strength (PSI)	ASTM D412	25
Elongation at Break (%)	ASTM D412	60
Density (lb.ft ³)	ASTM D3574	12
Temperature Range (°F)		-60 to +400
(°C)		(-51 to +204)
Vertical Burn (seconds)	UL94V-0 and FAR 25.853B	<3
Compression Set (%)	ASTM D1056	5
Thermal Conductivity (BTU-in./hr.- ft ² - F) (K Factor)	ASTM C177	0.42
Compression Deflection (PSI)	ASTM D1056	3.0
Colors - Standard		Gray
Colors - Optional		White, Black, Brown
Surface Description	Visual	Textured One Side
Thickness/ Tolerance (inch)(mm)	(1.59 ±0.40)	1/16±1/64
	(3.18±0.79)	1/8±1/32
	(4.76±0.79)	3/16±1/32
	(6.35+1.19,-0.79)	1/4+3/64-1/32
	(9.53±1.19)	3/8±3/64
	(12.7±1.19)	1/2±3/64
	(19.05±1.91)	3/4±0.0075
	(25.40±2.54)	1±0.1

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