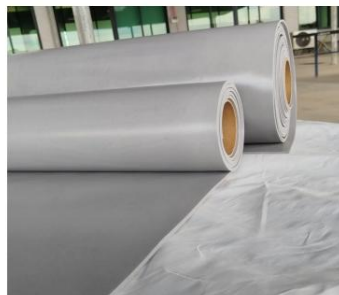


SP840-Liquid Firm Silicone Sponge

closed cell fabric finish both sides



Liquid Firm Silicone Sponge

has excellent high and low temperature resistance (-60-200), high flame retardancy (V-0), extremely low smoke concentration and other characteristics.

In addition, the material has excellent aging resistance and weather resistance, and is an ideal material for various types of high performance sealing, shock absorption, cushioning, sound insulation, fire insulation and other protection.

FRMA-Flame Resistant Medium

Type Description	Liquid Firm Silicone Sponge	Test Method
CODE	SP840	
Environmental Test	RoHS	ASTMD2240
Density,g/cm ³ , +/-0.05	0.4-0.5	ASTMD1056
Cell Structure	closed cell	
Surface skin	Smooth	
Tensile Strength,kpa	>400	ASTMD412
Elongation,%	>80	ASTMD412
Compression Set% (100°C*22h) ,Ma	<4	ASTMD1056
Compression Deflection25%, kpa	75-125	ASTMD1056
Water Absorption,%	<4	ASTMD1056
Thermal Conductivity,W/M.K	0.08	
Tempertaure Ranger,	-55--200	
UV/ozone Resistance	Excellent	
Volume Resistivity Ohm-mm	> 1.0*10 ¹⁵	
Flame Resistance	V0	UL94
Color	Red/Black/Grey /White	
Thichness Range,m	0.8-50	
Continous Rolls ,m	<20	
Width Range, m	1-1000	
Standard Width,mm	1000	
Standard length,m	10	

Note: 1.thickness above 10mm is made by laminated bonding.

2.The data is only for referenceS