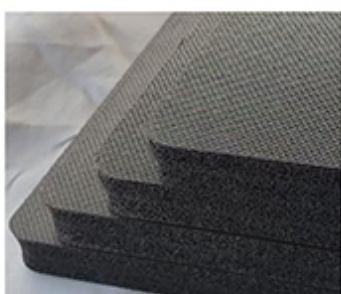
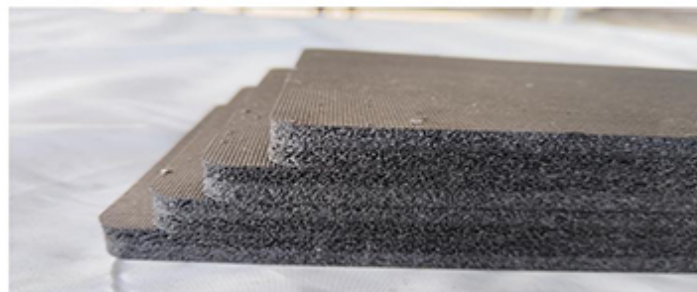


HB Flame Resistant Medium

closed cell fabric finish both sides



HB Flame Resistant Sponge
(Durometer is about ShoreA(11-15A) /ShoreC(25-35))

It's flame resistant to HB and can handle extreme temperature environments, it's ideal materials for demanding buffer, thermal, insulation, electric insulation, UV/ozone resistant, low or high temperature resistant (-60°C--250°C) applications.

FRMA-Flame Resistant Medium

Type Description	HB Flame Resistant Medium	Test Method
CODE	HBFR	
Hardness, Shore A (Shore C)	11-15A(25-35C)	ASTMD2240
Density,g/cm ³ , +/-0.05	0.65/40PCF	ASTMD1056
Cell Structure	closed cell	
Surface skin	gridding	
Tensile Strength,kpa	>600 (87psi)	ASTMD412
Elongation,%	>200(270)	ASTMD412
Compression Set% (100°C*22h) ,Ma	<5	ASTMD1056
Compression Deflection25%, kpa	60-100 (8-14psi)	ASTMD1056
Water Absorption,%	3	ASTMD1056
Thermal Conductivity,W/M.K	0.08	
Tempertaure Ranger,	-60--250	
UV/ozone Resistance	Excellent	
Dielectric Strength V/cm	> 10E11	
Flame Resistance	HB	UL94
Color	Red or as required	
Thichness Range,mm	2-40	
Continous Rolls, m	<20	
Width Range,mm	-1200	
Standard Width,mm	1000	
Standard length,m	10	

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