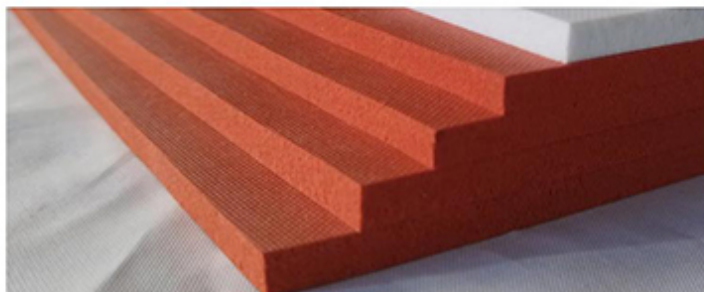


Microcellular Firm

closed cell fabric finish both sides



Microcellular Firm sponge sheet

(Durometer is about ShoreA(21-50A) /ShoreC (40-100))

It has higher density than normal silicone sponge sheet, so it has more stronger stretching ability, lower penetration and the same ability of shock-absorbing, thermal insulation, electric insulation, UV/Ozone resistant, low or high temperature resistant (-60°C--300°C)

MCFA Microcellular Firm

Type Description	Microcellular Firm	Test Method
CODE	MCFA	
Hardness, Shore A (Shore C)	21-50A(40-100C)	ASTMD2240
Density,g/cm ³ , +/-0.05	0.75-1.1	ASTMD1056
Cell Structure	closed cell	
Surface skin	gridding	
Tensile Strength,kpa	>1200(2400)	ASTMD412
Elongation,%	>350(560)	ASTMD412
Compression Set% (100°C*22h) ,Ma	<5	ASTMD1056
Compression Deflection25%, kpa	200-300	ASTMD1056
Water Absorption,%	3	ASTMD1056
Thermal Conductivity,W/M.K	0.08	
Tempertaure Ranger,°C	-60--250 (-76--482°F)	
UV/ozone Resistance	Excellent	
Dielectric Strength V/cm	> 10E11	
Flame Resistance	Nil	UL94
Color	Red or as required	
Thichness Range,m	2-50	
Continous Rolls ,m	< 20	
Width Range, m	1-1200	
Standard Width,mm	1000	
Standard length,m	10	

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