

SA-Soft

closed cell fabric finish both sides



Soft sponge sheet
(Durometer is about ShoreA(6-10A) /ShoreC (10-20))

It's flexible 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.



Uniform foaming



Soft texture

Type Description	Soft	Test Method
CODE	SA	
Hardness, Shore A (Shore C)	6-10A(20C)	ASTMD2240
Density, g/cm ³ , +/-0.05	0.45	ASTMD1056
Cell Structure	closed cell	
Surface skin	gridding	
Tensile Strength, kpa	>500(550)	ASTMD412
Elongation, %	>160(175)	ASTMD412
Compression Set% (100°C*22h) ,Ma	<5	ASTMD1056
Compression Deflection 25% kpa	30-60 (54)	ASTMD1056
Water Absorption, %	4	ASTMD1056
Thermal Conductivity, W/M.K	0.06	
Tempertaure Ranger,	-60--250	
UV/ozone Resistance	Excellent	
Dielectric Strength 0/cm	> 10E11	
Flame Resistance	Nil	UL94
Color	Red or as required	
Thickness Range, m	3-50	
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.		