

Wear Resistant Silicone Foam

closed cell smooth finish both sides



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is super high density silicone foam, so its pores are super tiny .

This property makes it has super strong wear resistance with the same other excellent property performance, such as insulation, shock-absorption, anti-aging and so on.

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Type Description	Wear Resistant Silicone Foam	Test Method
CODE	SP001	
Environmental Test	RoHS	ASTMD2240
Density,g/cm ³ , +/-0.05	0.8	ASTMD1056
Cell Structure	closed cell	
Surface skin	Smooth	
Tensile Strength,kpa	>500	ASTMD412
Elongation,%	>80	ASTMD412
Compression Set% (100°C*22h) ,Ma	<4	ASTMD1056
Compression Deflection25%, kpa	110-170	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 ¹⁴	
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 reference