

Silicone Cord

closed cell smooth finish all sides



Silicone Cord
(Extruded Solid
Silicone Cord)

with their 360° elastic fit capability, can better compensate for gap errors than square rubber strips in dynamic closure, curved surface contact or scenarios requiring flexible deformation, achieving long-term sealing and protection while avoiding surface damage caused by hard friction.

Silicone Cord

Type Description	Silicone Cord	Test Method
Type CODE	/	
Hardness, Shore A	55-65A	ASTMD2240
Density,g/cm ³ , +/-0.05	1.25	ASTMD1056
Cell Structure	closed cell	
Surface skin	smooth	
Tensile Strength,kpa	>750 (109psi)	ASTMD412
Elongation,%	350	ASTMD412
Toxic Gas Emission	Pass	ASTMD1056
Low Temperature Deflection at -40°C	Pass	ASTMD1056
Water Absorption,%	3	ASTMD1056
Recommended Working Temperature °C	-40-200 (-40-392°F)	
Tempertaure Range,°C	-60--250 (-76-482°F)	
UV/ozone Resistance	Excellent	
Dielectric Strength kV/cm	> 10E11	
Flame Resistance	Nil	UL94
Color	Red,Transparent or as required	
Thickness Range,mm	1-65 (0.04-2.6in)	
Continous Rolls ,m	< 100 (328ft)	
Width Range, m m	1-65 (0.04-2.6in)	
Transparency	Excellent	
Bubble	Few	

Note: the data is only for reference.

Sanpu Silicone