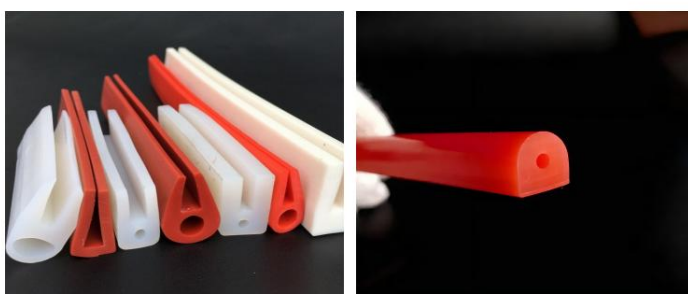


Silicone Profiles

closed cell smooth finish all sides



Silicone Profiles
(Extruded Solid
Silicone Profiles)

are extruded shapes made from silicone rubber, a highly versatile elastomer known for its excellent thermal stability, weather resistance, and flexibility.

We offer food grade and industry grade silicone profiles.

Silicone Profiles

Type Description	Silicone Profiles	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