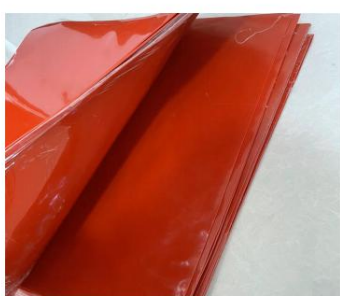


Insulating Silicone Sheet

closed cell smooth finish



Insulating Silicone Sheet (Solid Insulating Silicone Sheet)

is a high-performance insulating material made from high-quality silicone rubber through a special pressing process. It exhibits superior electrical insulation properties, excellent high and low temperature stability based on high dielectric strength ($\geq 20\text{kV/mm}$) and stable volume resistivity ($> 3 \times 10^{14} \Omega \cdot \text{cm}$), and robust physical and mechanical characteristics.

Insulating Silicone Sheet

Type Description	Insulating Silicone sheet	Test Method
CODE	/	
Hardness, Shore A	55-65A	ASTMD2240
Density, g/cm ³ , +/-0.05	1.25/798pcf	ASTMD1056
Cell Structure	/	
Surface skin	smooth	
Tensile Strength, kpa	750	ASTMD412
Elongation, %	350	ASTMD412
Transparency	Excellent	ASTMD1056
Bubbles	Few	ASTMD1056
Water Absorption, %	3	ASTMD1056
Thermal Conductivity, W/M.K	20	
Tempertaure Ranger, °C	-60--220	
UV/ozone Resistance	Excellent	
Dielectric Strength V/cm	$> 3 \times 10^4$	
Flame Resistance	Inflammable	UL94
Color	Trasnparant、Red or as required	
Thichness Range, mm	3-40	
Continous Rolls ,m	<20	
Width Range, mm	-1000	
Standard Width, mm	1000	
Standard length, m	10	

Note: the data is only for reference.