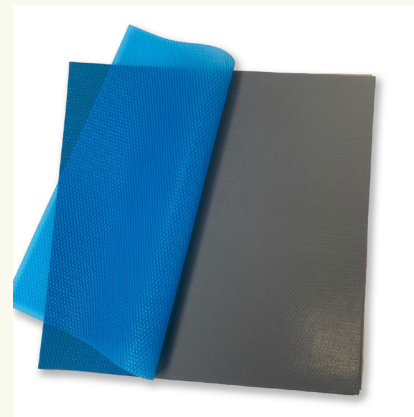




GCSR-055F FIBERGLASS-REINFORCED THERMAL PAD

GCSR-055F is a fiberglass-reinforced thermal pad

GCSR-055F is a fiberglass-reinforced thermally conductive insulating material. Fiberglass substrates make the one face of material less tack which contributes to easier installation. Anti-tensile, anti-shear and anti-tear performance are also enhanced. It is soft and flexible gap filling material with good thermal insulation performance.



Features

- 5.5 W/m K thermal conductivity
- Fiberglass-reinforced, resistance to puncture
- Soft and high compliance
- Heat conduction and electrical insulation
- One side has strong tack, the other allows easy installation

Configurations

PART NUMBER	TOTAL THICKNESS (MM)
GCSR-055F-200x200-0.5	0.5
GCSR-055F-200x200-1.0	1.0
GCSR-055F-200x200-1.5	1.5
GCSR-055F-200x200-2.0	2.0
GCSR-055F-200x200-3.0	3.0

Properties

CHARACTERISTICS	TEST METHOD	VALUES
Colour	Visual	Grey
Thickness (mm)	ASTM D374	0.5~3.0
Hardness (Shore 00)	ASTM D2240	40~80
Specific Gravity (g/cm ³)	ASTM D792	3.4
Tensile Strength (Mpa)	ASTM D412	0.6
Elongation (%)	ASTM D412	≤10
Tear Strength (KN/m)	ASTM D624	1.8
Breakdown Voltage (Kv/mm)	ASTM D149	>10
Volume Resistivity (Ω.cm)	ASTM D257	5x10 ¹¹
Use Temperature (°C)	EN344	-40~200
Flame Rating	UL94	V0
Weight Loss (%)	@150°C 240H	≤0.5
Dielectric Constant (@1MHz)	ASTM D150	6.6
Thermal Conductivity (W/m-k)	ASTM D5470	5.5



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