



GCSR-015PFG-0.25(B) FIBREGLASS-REINFORCED THERMAL PAD

GCSR-015PFG-0.25(B) is a fibreglass-reinforced thermal pad

GCSR-015PFG-0.25(B) is a fiberglass-reinforced thermally conductive insulating material. Fiberglass substrates make the one face of material less tack which contribute to easier installation. Anti-tensile, anti-shear and anti-tear performance are also enhanced.

OPTIONS:

(B) = 0.3 x 1m roll

Other sizes available: 10M / 25M



Features

- 1.5 W/m K thermal conductivity
- Fibreglass-reinforced, resistance to puncture
- Soft and high compliance
- Heat conduction and electrical insulation

Applications

- LED lamps
- Consumer electronics
- Car equipment
- Communication devices

Properties

CHARACTERISTIC	TEST METHOD	VALUES
Colour	Visual	Off-white
Thickness (mm)	ASTM D374	0.25
Hardness (Shore 00)	ASTM D2240	40~80
Specific Gravity (g/cm ³)	ASTM D792	2.25
Tensile Strength (Mpa)	ASTM D412	0.6
Elongation (%)	ASTM D412	-
Tear Strength (KN/m)	ASTM D624	1.8
Breakdown Voltage (Kv/mm)	ASTM D149	>10
Volume Resistivity (Ω·cm)	ASTM D257	6x10 ¹²
Use Temperature (°C)	EN344	-40 to +200
Flame Rating	UL 94	V0
Weight Loss (%)	@150°C 240H	≤0.5
Dielectric Constant (@1MHz)	ASTM D150	5.6
Thermal Conductivity (W/m-k)	ASTM D5470	1.5



info@gcsthermal.com

GCS UK Ltd

7 Priory Business Park
Kibworth, Leicestershire
LE8 ORX, UK