



GCSP-017-G(-xx) SYNTHETIC GRAPHITE INTERFACE MATERIAL

GCSP-017-G(-xx) is a highly orientated synthetic graphite

Features

- High thermal conductivity
- Low contact resistance
- Highly adaptable to surface
- Can be used in multi-layer



Configurations

PART NUMBER	TOTAL THICKNESS (mm)	CONFIGURATION DETAILS	HEAT RESISTANCE (degC)	VOLTAGE RESISTANCE
GCSP-017-G	0.017	No adhesive	400	0
GCSP-017-G-A10	0.027	10 micron adhesive ,one side	100	2 kV
GCSP-017-G-P10-A10	0.037	10 micron adhesive, 10 micron PET tape	100	6 kV

Properties

CHARACTERISTIC	TEST METHOD	VALUE
Colour	Visual	Grey
Sheet size, mm		150x300
Thickness, mm		As table
Thermal conductivity W/m*K	ASTMD5470	15
In-plane, thermal conductivity W/m*K		1700
Specific gravity. g/cm3	ASTMD792	2.1
Dielectric strength, kV/mm	ASTMD149	NA, conductive
Operation temperature (°C)	EN344	-40 to +400



info@gcsthermal.com

GCS UK Ltd

7 Priory Business Park
Kibworth, Leicestershire
LE8 0RX, UK