

BOND SHEET CURED GLASS FREE - 3,2W/MK

Data Sheet DS_123

1/1

STANDARD CONSTRUCTION



Bond Sheet Cured Glass Free
µm (mils)
 80 (3,15) / 100 (3,94) / 120
 (4,72)

*Other constructions
 available upon request

DESCRIPTION

BOND SHEET CURED is a reinforced dielectric polymerized interface material designed for high dielectric isolation and low thermal resistance.

Ultra-thin dielectric layer with high dielectric strength, high thermal conductivity, and low thermal resistance, which efficiently dissipates the heat generated by the power components to the cooling elements.



UL Approved QMST2
 File: E47820
 IPC-4101



RoHS 3 / REACH
 Last updated compliance directive



BOND SHEET CURED GLASS FREE - 3,2W/mk	REFERENCE	Total Thickness (µm)	Dielectric Capacity (KV)	Thermal Resistance Rth (K/W)
Bond Sheet Cured Glass Free 80µm	BSC GF 80	80	≥ 3	0,031
Bond Sheet Cured Glass Free 80µm + Thermal Tape	BSC GF 80 1TT50	130	≥ 3	0,080
Thermal Tape + Bond Sheet Cured Glass Free 80µm + Thermal Tape	BSC GF 80 2TT50	180	≥ 3	0,128
Air Gap Filler + Bond Sheet Cured Glass Free 80µm + Thermal Tape	BSC GF 80 1TT50 1GF50	180	≥ 3	0,099
Bond Sheet Cured Glass Free 80µm High Tg + Air Gap Filler	BSC GF 80 1GF50	130	≥ 3	0,051
Air Gap Filler + Bond Sheet Cured Glass Free 80µm + Air Gap Filler	BSC GF 80 2GF50	180	≥ 3	0,070
Bond Sheet Cured Glass Free 100µm	BSC GF 100	100	≥ 4	0,038
Bond Sheet Cured Glass Free 100µm + Thermal Tape	BSC GF 100 1TT50	150	≥ 4	0,088
Thermal Tape + Bond Sheet Cured Glass Free 100µm + Thermal Tape	BSC GF 100 2TT50	200	≥ 4	0,136
Air Gap Filler + Bond Sheet Cured Glass Free 100µm + Thermal Tape	BSC GF 100 1TT50 1GF50	200	≥ 4	0,107
Bond Sheet Cured Glass Free 100µm + Air Gap Filler	BSC GF 100 1GF50	150	≥ 4	0,059
Air Gap Filler + Bond Sheet Cured Glass Free 100µm + Thermal Tape	BSC GF 100 2GF50	200	≥ 4	0,075
Bond Sheet Cured Glass Free 120µm	BSC GF 120	120	≥ 5	0,045
Bond Sheet Cured Glass Free 120µm + Thermal Tape	BSC GF 120 1TT50	170	≥ 5	0,105
Thermal Tape + Bond Sheet Cured Glass Free 120µm + Thermal Tape	BSC GF 120 2TT50	220	≥ 5	0,163
Air Gap Filler + Bond Sheet Cured Glass Free 120µm + Thermal Tape	BSC GF 120 1TT50 1GF50	220	≥ 5	0,128
Bond Sheet Cured Glass Free 120µm + Air Gap Filler	BSC GF 120 1GF50	170	≥ 5	0,070
Air Gap Filler + Bond Sheet Cured Glass Free 120µm + Air Gap Filler	BSC GF 120 2GF50	220	≥ 5	0,093

DELIVERY FORM

In cut to size sheets upon request