

VEL-THERM[®] A30B-G2S1

Ultra-high Conductance, Compliant Thermal Gasket

Application

Free-interleaf gasket pressed between an electronics box and a heat sink surface to improve thermal contact

Composition

Matrix	Silicone elastomer
Filler	Carbon fibers
Reinforcement	Nylon screen

Specifications

Thickness	~ 0.030" (uncompressed)
Compliance	~ 13 psi/mil compression
Thermal conductance	> 11,000 W/m ² -K @ 3 mil compression (< 60 psi)
Temperature range	-50 to 200°C

