

Technical specification

T-441

Description Provide good thermal conductivity and extremely high electrical insulation, even when used in humid environments. Can be used when you want to mount with clips. UL 94 approved. Equal with Sil-Pad 900.

Properties	Unit	Value	Test method
Material		Silicone rubber and fibre glass.	
Filler		Aluminium Oxide	
Density	G/m ³	2,55	
Thermal impedance at 300 psi	°C-in ² /W (°C-cm ² /W)	0,41 (2,65)	ASTM D5470
Elongation at break	MPa	22	
Water absorption			
Thermal resistance	C-in ² /W	0,41	
Thermal conductivity	W/m-K	1	ASTM D5470
Breakdown voltage	Dry-Vac	8700	
Breakdown voltage	Wet-Vac	8100	
Dielectric constant	kHz	1	
Colour		Pink	
Thickness	Mm	0,20	ASTM D374
Operating temperature range	°C	-60 to +200	
Voltage breakdown – Dry	Ohm – cm	1 x 10 ¹⁴	ASTM D257
Voltage breakdown – Wet	Ohm – cm	1 x 10 ¹⁴	ASTM D257
Tensile strength	Psi (MPa)	3200 (22,08)	ASTM D412
Elongation	%	40	ASTM D412
Hardness	Shore A	90	ASTM D2240
Specific gravity		2,55	ASTM D792
UL Recognized		File No.E57104	QMFZ2

This specification is given by our best knowledge and might be submitted to changes.