

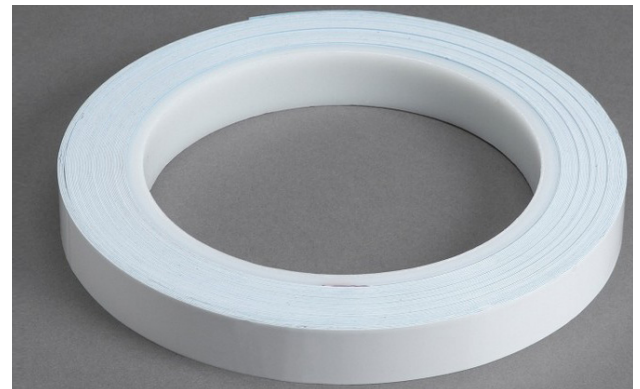
THERMAL TAPE - DTT12

Features

- Thermal conductivity: 1.2 W/mK
- High conformability
- Cost effective solution
- Double-sided, pressure sensitive adhesive tape
- Electrically insulating

Applications

- Applications requiring thin bonding
- Between electronic components: semiconductors, ICs, CPUs, MOS and heat sink
- Mount heat sink onto drive process/power converter
- In all applications where a metal housing is used as heatsink.



TECNITE DTT12

Properties	Unit	DTT12	Test Method
Colour		White	
Adhesive type		Acrylic Polymer	
Filler		Ceramic powder	
Carrier	mm	0.15 & 0.20: none 0.25: fiberglass	
Thickness range	mm	0.15, 0.20, 0.25	ASTM D3652
Hardness	Shore A	45	ASTM D2240
Density	g/ml	1.3	
Tensile strength	Mpa	$3.15 \cdot 10^{-2}$	ASTM D3759
Elongation	%	5	ASTM D3759
Temperature range	°C	-40 to 150 (short time) 90 (long time)	
Insulation Strength	volt/mm	>3000	ASTM D149
Static Shear Adhesion	1kg/0.5in ²	22 °C 70 °C	ASTM D3654
Thermal conductivity	W/mK	1.2	ASTM D5470
Compliances		-	

DISTRIBUTORS GROUP EUROPE

Handelsweg 6, NL - 2404 CD Alphen aan den Rijn, The Netherlands
 Tel. 0031-172-436361 Fax 0031-172-420310
 info@dge-europe.com www.dge-europe.com

