

Heatsink Compounds

Silicone Heatsink Compound – DC340

DOW CORNING



- Non-melting silicone compound
- Very high thermal conductivity
- Electrically non-conducting
- Will withstand long-term exposure to high temperature
- Designed for mounting of semiconductor devices to improve heat transfer

100g tube

- Other applications include the filling of temperature sensing devices to improve heat transfer to sensing element

Best value

Thermal conductivity 0.42W/m.K. Operating temperature 200°C max.
Dielectric strength 21kV/mm

FOR SUITABLE APPLICATOR SYRINGE SEE ORDER CODE 146-312
PAGE 604

Note: Not suitable or medical applications

CHM46

Order Code	Price Each			
	1+	10+	50+	100+
101-685				

Thermal Management



HTCP – Non-Silicone Heat Transfer Paste PLUS

- Silicone free
- High thermal conductivity – 2.5W/mK
- Wide operating temperature range -50°C to +130°C
- Non-melting and non-hardening

HTS – Silicone Heat Transfer Paste

- High thermal conductivity – 0.9W/mK
- Luer Lock syringe for hand or automatic application
- Wide operating temperature range -50°C to +200°C
- Non-melting and non-hardening

HTC – Non-Silicone Heat Transfer Paste

- Silicone free
- 35ml Luer Lock syringe and 10ml syringe dispensers
- Excellent non-creep properties
- High thermal conductivity - 0.9W/mK

HTSP – Silicone Heat Transfer Paste PLUS

- High thermal conductivity – 3.0W/mK
- Wide operating temperature range -50°C to +200°C
- Non-melting and non-hardening

CHM154

	Mfrs. List No.	Order Code	Price Each				
			1+	12+	36+	144+	288+
10ml Syringe	HTC10S	317-950					
35ml Syringe	HTC35S	317-962					
35ml Syringe	HTS35SL	891-344					
20ml	HTCP20S	634-920					
			1+	5+	10+		
50ml Tube	HTSP50T	725-572					

Heat Transfer Compound – HTCA



- Economic and easy to use, particularly for larger applications
- Excellent non-creep characteristics
- Wide operating temperature range
- Thin, even film coating
- Low in toxicity
- 100% Ozone Friendly

Warning: Product contains flammable solvent, do not use on live equipment or near any source of ignition, use in a well ventilated area

- Please check with Sales Office for availability

CHM352

Mfrs. List No.	Order Code	Price Each		
		1+	6+	12+
200ml Aerosol HTCA200	302-6863			

Conductive Rubber Jointing Compound



- Room temperature vulcanising thermally conductive rubber
- Thermal conductivity of 2W/mK
- Wide operating range from -50°C to 230°C (peak at 260°C)
- Use as a low strength adhesive, sealant or gasketing compound

CHM318

Mfrs. List No.	Order Code	Price Each				
		1+	5+	10+	20+	50+
100ml Tube TCR100	130-485					

Thermally Conductive Adhesive – 'Output'™ 315 **LOCTITE** Self Shimming



- High thermal conductivity
- Self shimming, produces a consistent 0.15mm gap
- Controlled strength for serviceability
- Eliminates the need for mechanical fasteners
- Ideal for use on heatsinks, thyristors, transistors, rectifiers, regulators etc.

25ml Adhesive + 18ml Activator

Base compound	Modified Methacrylate	Tensile shear strength	7N/mm ² (1000psi)
Colour	Blue	Coefficient of thermal expansion	1.1x10 ⁻⁴ /°C
Thermal conductivity	0.815 W/m.K	Operating temperature	-55°C to +150°C
Surface resistivity	1.2 10 ¹² Ω		

Warning: Flammable contents, do not use near any source of ignition, use in a well ventilated area.

- Please check with Sales Office for availability

Note: Due to shelf life, this product should be used within three months of purchase in order to maximise its performance.

CHM133X

Mfrs. List No.	Order Code	Price Each			
		1+	5+	20+	100+
1705052	.537-020				

Potting & Encapsulating Materials

Primer 1200

DOW CORNING



- Air drying primer
- Supplied as dilute solution of moisture reactive materials in VM & P naphtha
- Used to improve adhesion of room temperature vulcanizing silicone rubber, after application to metal and plastic surfaces

Drying time 60 – 90 mins.

500ml

Warning: Flammable contents, do not use near any source of ignition, use in a well ventilated area.

Note: Not suitable for medical applications

- Please check with Sales Office for availability

CHM72X

Order Code	Price Each			
	1+	10+	50+	100+
Clear, 500ml 101-683				