

FD23

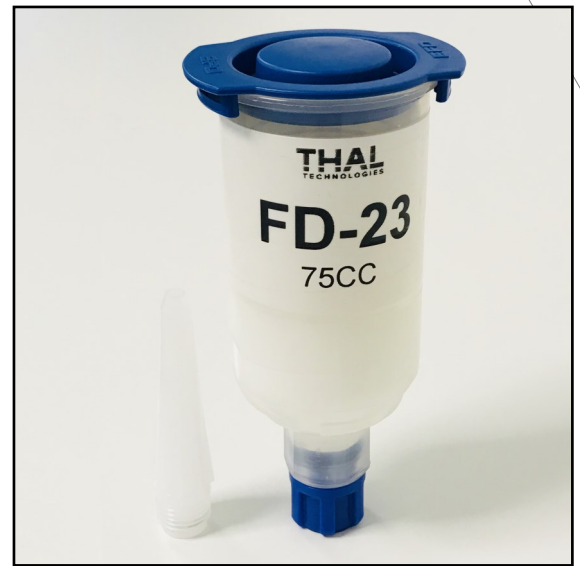
Gap Filler Putty

FD23 is a single-part, dispensable silicone-based thermal gap filler that is soft, does not cure and has low abrasion properties.

FD23 is ideal for applications where large or uneven gap tolerances are present.

The soft and compliant nature of this material allows for the transferring heat with little to no pressure on mating parts. The shelf life is indefinitely.

FD23 provides excellent thermal performance and compliance.



Properties	Unit	FD23
Base material	-	Single part silicone base dispensable gel
Color	-	White
Thermal Properties		
Thermal conductivity	W/mK	2.3
Operating temperature	°C	-45 to 150

Ordering example:

FD23-75

F = Filler / D = Dispensable / 23 = 2.3 W/mK / 75 = 75cc

Gap Filler Putty

Properties	Unit	FD23
Base material	-	Single part silicone base dispensable gel
Color	-	White
Thermal Properties		
Thermal conductivity	W/mK	2.3
Operating temperature	°C	-45 to 150
Electrical Properties		
Dielectric breakdown	VAC/mm	> 6000 VAC
Dielectric constant	@ 1MHZ	4.9
Volume resistivity	ohm-cm	10 ¹³
Mechanical Properties		
Minimum bond line thickness	mm	0.05
Outgassing TML (weight %)	%	0.05
Outgassing CVCM (weight %)	%	0.02
Density	g/cc	2.48
Physical Properties		
Flame rating	UL94	V0
Standard packaging cartridges	cc (fill volume cc)	75(56), 180(159), 360(326), 300(601), 1 gallon(4030) and 2 gallon(8070)

The data presented in this leaflet are in accordance with the present state of our knowledge. All statements, technical information and recommendations herein are based on tests we believe to be reliable. The customer is thereby not absolved from carefully checking all supplies immediately on receipt. The recommendations made in this catalogue should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. Before using, user shall determine the suitability of the product for its intended use, and the user assumes all risks and liability whatsoever in connection there with. We reserve the right to alter product constants within the

scope of technical process or new developments. The recommendations do not absolve the customer from the obligation of investigating the possibility of infringement of third parties right and, if necessary, clarifying the position. Sellers' and manufacturer' only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable either in tort or contract for any loss or damage, direct or incidental, or consequential, including loss of profits or revenue arising out of the use or the inability to use a product. No statement, purchase order or recommendations by seller or purchaser not contained herein shall have any force or effect unless in an agreement signed by the officers of the seller