

Vacuum Fluids, Greases and Sealants

High Vacuum Grease.

Dow Corning® Silicone lubricant and sealant for rubber and plastic o-ring gaskets and seals. It is a clear, non-melting silicone material used primarily as a valve lubricant, on stopcocks, and to prevent gaskets from sticking to metal. It has good resistance to most chemicals, it is insoluble in water, methanol, ethanol or mineral oil. It is soluble in Chlorothene® SM, perchloroethylene, mineral spirits and methyl ethyl ketone. It has a very low vapour pressure. As Dow Corning silicone compounds contain an inert silica filler in combination with polydimethyl silicone fluids they SHOULD NOT BE APPLIED TO O-RINGS OR OTHER COMPONENTS MADE OF SILICONE RUBBER BECAUSE THEY WILL DESTROY THE SILICONE RUBBER. These compounds will also slightly swell natural butyl rubbers.

Specifications.

Specific Gravity at 25°C (77°F)	1.0
Evaporation, 24 hrs at 200°C (392°F), % max	2.0
Service Temperature	-40 to 204°C (-40 to 400°F)
Melting Point	None
Bleed, 24 hrs at 200°C (392°F), % max	0.5

Ordering information.

Dow Corning® High Vacuum Grease. 5.3 oz (150g) tube. **Part no. HVG150** **Price \$19.50**
Dow Corning® High Vacuum Grease. 8 lbs (3.6kg) can. **Part no. HVG3600** **Price \$345.00**