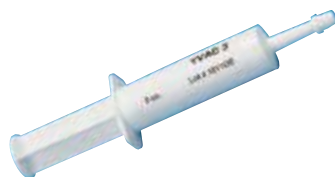




110505 / Dow Corning High Vacuum Grease



110506, 110507 / Apiezon® Vacuum Grease L / M Types



110508 / Fomblin® YVAC 3, Krytox® LVP Equivalent Vacuum Grease



111785 / Hi Temperature Epoxy 250°C (400°C Intermittent)

Vacuum Greases / Lubricants

Accu-Glass vacuum greases and lubricants are low vapor pressure materials that are suitable for use in high vacuum applications.

HV Grease, Silicone Based

Dow Corning High Vacuum Grease is manufactured with a silicone base and has a high resistance to water or chemicals and maintains its consistency from -40° to 260°C.

HV Grease — Silicone Based / -40 to 260°C / UHV to 1x10⁻⁹ Torr

Quantity oz	Description	Model Number	Part Number	Unit Price \$
5	Stiff, non-melting silicone / Squeeze tube dispenser	VGL-DOW	110505	38

Dow Corning® — High Vacuum Grease

HV Grease, Hydrocarbon Based

Apiezon® silicone and halogen free greases are manufactured with a hydrocarbon base for easy maintenance and cleaning. Type L grease is suitable for UHV service.

HV / UHV Grease — Hydrocarbon Based / 10° to 30°C / HV to 10⁻⁹ and UHV to 10⁻¹¹ Torr

Quantity oz	Grease Type	Vapor Pressure Torr @ 20°C	Melting Point °C	Viscosity cP @ 50°C	Molecular Weight (Average)	Model Number	Part Number	Unit Price \$
1	L	7x10 ⁻¹¹	47	766	1300	VGL-APL	110506	165
1	M	1.7x10 ⁻⁹	44	413	950	VGL-APM	110507	140

Apiezon® Vacuum Grease — L / M Types

HV Grease, Fluorinated Base

Manufactured with low vapor pressure fluorinated oils to withstand high temperatures over long periods of time. Vacuum range to 1x10⁻⁹ Torr and temperatures to 250°C. This lubricant can withstand severe operating conditions.

HV Grease — Fluorinated Base / 250°C / HV to 1x10⁻⁹ Torr

Quantity oz	Description	Model Number	Part Number	Unit Price \$
2	Vacuum Grease / Syringe Dispenser	VGL-FY	110508	105

Fomblin® YVAC 3 — Krytox® LVP Equivalent Grease

Ultrahigh Vacuum Epoxy

Non-Conductive Epoxy — High temperature UHV compatible epoxy is ideal for use with SMA 905 fiber optic connectors. It is supplied in single, two part, 4 gram packs eliminating the need for measuring and cup mixing. Ideally suited for UHV environments to 1x10⁻¹⁰ Torr and an operating temperature of 250°C (and up to 400°C for brief periods).

UHV Epoxy — 250°C (400°C intermittent) / UHV to 1x10⁻¹⁰ Torr

Qty Ounce / Part	Type	Maximum Temperature	Model Number	Part Number	Unit Price \$
.14	Two-Part Non-Conductive	250°C	FO-EPXY-UHV	111785	18

Non-Conductive Epoxy — High Temperature



HV Sealant, Epoxy Based

Accu-Glass sealants provide a quick, permanent vacuum seal with low outgassing. Suitable for use in high vacuum applications.

HV Sealants — Epoxy Based / -45° to 120°C / HV to 1x10⁻⁹ Torr

Quantity oz	Description	Model Number	Part Number	Unit Price \$
----------------	-------------	-----------------	----------------	---------------------

Torr-Seal® — Two-Part Kit

1.2	Hardener / Part-A / Squeeze tube dispenser	VGL-TORR	110516	75
2.8	Resin / Part-B / Squeeze tube dispenser			

Torr-Seal® Mixing System

2.0	3 Mixer Tips, Torr Seal, Applicator Gun	VGL-TORR-SYS	113257	275
-----	---	--------------	---------------	-----

Hysol® Epoxi-Patch® — Two-Part Kit

1.2	Hardener / EPKC / Squeeze tube dispenser	VGL-EPOXP	110515	45
2.8	Resin / 1C / Squeeze tube dispenser			



110516 / Torr-Seal®



113257 / Epoxy Mixing System

UHV Sealant, Silicone Based

Vacseal® is suitable for use in ultrahigh vacuum systems with pressures to 1x10⁻¹² Torr. It has less in-vacuum weight loss than epoxy compounds and can withstand repeated temperature cycling from -200° to 450°C. It's available in both liquid and aerosol forms.

UHV Sealants¹ — Silicone Based / -200° to 450°C / UHV to 1x10⁻¹² Torr

Quantity oz	Description	Model Number	Part Number	Unit Price \$
----------------	-------------	-----------------	----------------	---------------------

Vacseal® — Liquid Sealant

0.5	Bottle with brush-top dispenser	VGL-VS1/2	110517	105
-----	---------------------------------	-----------	---------------	-----

1. Hazardous material, cannot be shipped by air. No express or international delivery available.



110517 / Vacseal®
Liquid, Brush Application

Ultrahigh Vacuum Conductive Glue / Epoxy

Epo-Tek H21D and H27D conductive glue / epoxy is a two component, silver filled epoxy adhesive designed for semiconductor, hybrid-microelectronics, and is ideally suited for joining fine instrumentation wires.

These epoxies pass NASA's low outgassing standard ASTM E595 (with proper cure), for more information on this, visit NASA's website at <https://outgassing.nasa.gov/>

UHV Conductive Glue / Epoxy — See Below / UHV to 1x10⁻¹⁰ Torr

Qty 1 oz. / Part	Type	Maximum Temperature	Model Number	Part Number	Unit Price \$
---------------------	------	---------------------	-----------------	----------------	---------------------

Epo-Tek® — Conductive, Silver-Filled Epoxy

2	Two-Part Conductive	150°C	EPOXY-H21D	113255	180
2	Two-Part Conductive	270°C	EPOXY-H27D	113256	195



113255 / Conductive Glue
H21D 150°C



113256 / Conductive Glue
H27D 270°C