

## SUPPLIES, GREASES AND LUBRICANTS

### ▶ Torr Seal Low Vapor Pressure Resin Sealant



Torr Seal epoxy resin quickly seals leaks on any type of vacuum system or component. Provided in convenient tubes, Torr Seal is solvent-free and can be used at pressures of  $10^{-9}$  Torr (mbar) and below, at temperatures from  $-45\text{ }^{\circ}\text{C}$  to  $120\text{ }^{\circ}\text{C}$  (bakeable temperature). Additionally, Torr Seal permits leak checking immediately after curing and bonds with many materials including metal, ceramic, and glass.

#### Ordering Information

Description	Part Number	Weight lbs (kg)
Torr Seal base resin, 82 grams, and Torr Seal hardener, 36 grams	9530001	1.0 (0.45)

### ▶ Torr Seal Mixing System



The Torr Seal Mixing System includes an applicator gun, a premeasured Torr Seal cartridge, and an epoxy/resin mixer. The system uses the same low vapor pressure resin sealant as standard Torr Seal, while providing a systematic and scientific way of mixing the Torr Seal epoxy and resin. The applicator gun dispenses premeasured epoxy and resin from the cartridge through the mixer so that a uniform Torr Seal bead can be placed on any surface. As with the standard Torr Seal tubes, the mixing system can be used at pressures of  $10^{-9}$  Torr and below, and at temperatures from  $-45\text{ }^{\circ}\text{C}$  to  $120\text{ }^{\circ}\text{C}$  (bakeable temperature).

#### Ordering Information

Description	Part Number	Weight lbs (kg)
Applicator gun with Torr Seal cartridge (2 oz.) and three mixers	9530002	2.00 (0.91)
Applicator gun only	9530003	1.50 (0.68)
Torr Seal cartridge (2 oz.) and three mixers	9530004	0.75 (0.34)
Mixers only (six to a package)	9530005	0.25 (0.11)

### ▶ Fel-Pro Heavy Duty Anti-Seize

Fel-Pro Heavy Duty Anti-Seize is a high-temperature, anti-galling lubricant designed for screw threads and other mated components of all types. Generally used in applications that are external to vacuum systems, Fel-Pro is useful in temperature ranges of  $70\text{ }^{\circ}\text{C}$  to  $+1315\text{ }^{\circ}\text{C}$ .

#### Ordering Information

Description	Part Number	Weight lbs (kg)
Fel-Pro Heavy Duty Anti-Seize Lubricant	9530031	0.3 (0.13)

### ▶ Apiezon Vacuum Grease, Type L

Apiezon L is a general vacuum grease that has a vapor pressure from  $10^{-11}$  Torr (mbar) at  $20\text{ }^{\circ}\text{C}$  to  $10^{-3}$  Torr (mbar) at  $300\text{ }^{\circ}\text{C}$ , and has a melting point of  $< 50\text{ }^{\circ}\text{C}$ .

#### Ordering Information

Description	Part Number	Weight lbs (kg)
Apiezon L vacuum grease, 1 oz.	695400004	1.0 (0.45)

### ▶ Agilent Vacuum Grease

This is a general purpose grease with a vapor pressure in the  $10^{-6}$  Torr range. It is a non-silicone grease that comes in two viscosities and two sizes.

#### Ordering Information

Description	Part Number	Weight lbs (kg)
Agilent Vacuum grease, Medium Weight, $\frac{1}{4}$ lb size	LGCMID025	1.0 (0.45)
Agilent Vacuum grease, Medium Weight, 1 lb size	LGCMID100	1.0 (0.45)
Agilent Vacuum grease, Heavy Weight, $\frac{1}{4}$ lb size	LGCHEV025	1.0 (0.45)
Agilent Vacuum grease, Heavy Weight, 1 lb size	LGCHEV100	1.0 (0.45)