



VPO-3000 Vacuum Pump Fluid

This hydrocarbon vacuum pump fluid is intended for use in VRC Rotary Vane Pumps. Our VPO-3000 fluid is a narrow cut distillation fraction that gives good ultimate vacuum with low back-streaming yet it provides the excellent lubrication needed for long pump life.

VPO-3000 is a good choice in a wide variety of general and special vacuum services that require frequent pumpdown cycles including optical film coating, heat treating furnaces, vacuum ovens, decorative coatings by evaporation, sputtering and LPCVD.

Specifications VPO-3000

Vapor Pressure (Torr) @ 25°C 1 x 10⁻⁶
 Boiling Point @ 0.01 Torr 130 °C
 Pour Point -13 °C
 Flash Point 241 °C
 Fire Point 253 °C
 Specific Gravity (g/cc) ... 0.872

Viscosity (cSt/SUS) @40 °C/100 °F 63.9/320 @100 °C/210 °F ... 8.5/54
 Form Clear amber liquid
 Hazardous Decomposition None
 Incompatibility Flame
 Hazardous Ingredients ... None

Size / Volume	Part Number	Price
1 gallon (3.8 liter)	VPO-3000GAL	\$28.00
5 gallon pail (18.9 liter)	VPO-30005GAL	\$140.00



VPF-1000 Vacuum Pump Flushing Fluid

This flushing fluid was developed to improve and simplify cleaning procedures for VRC Rotary Vane Pumps. This low viscosity fluid will flush out particulates and residuals that usually settle in the bottom of pumps.

Flushing with VPF-1000 is recommended during oil changes before the addition of the new fluid as part of a regular preventive maintenance program. Such regular use improves the service life of all mechanical pumps. It is recommended that the pump be drained while hot, filled with flushing fluid and run for about 10 minutes to properly flush. The pump is then immediately drained again and refilled with our VPO-3000.

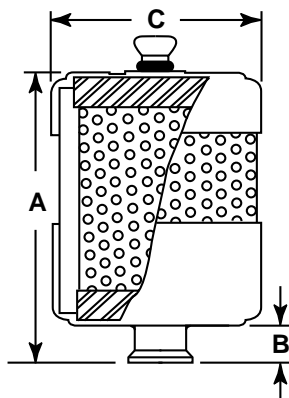
Specifications VPF-1000

Vapor Pressure (Torr) @ 25°C 1 x 10⁻⁵
 Boiling Point @ 0.01 Torr 112 °C
 Pour Point -15 °C
 Flash Point 218 °C
 Fire Point 244 °C
 Specific Gravity (g/cc) ... 0.860

Viscosity (cSt/SUS) @40 °C/100 °F 28/150 @100 °C/210 °F ... 4.5/41
 Form Clear amber liquid
 Hazardous Decomposition None
 Incompatibility Flame
 Hazardous Ingredients ... None

Size / Volume	Part Number	Price
1 gallon (3.8 liter)	VPF-1000GAL	\$24.00
5 gallon pail (18.9 liter)	VPF-10005GAL	\$115.00

Exhaust Mist Eliminators



- For 100-3.5 & 200-7 Pumps
 Model Ex. Fil. **NW-25 7 cfm**, P/N RV810220\$211.
- For 400-14 Pumps
 Model Ex. Fil. **NW-25 14 cfm**, P/N RV810230.....\$265.
- For Applications with High Flow
 Model Ex. Fil. **NW-25**, P/N RV810250\$340.
- For 600-21, 800-28, 1000-35, 1500-53 & 1800-64 Pumps
 Model Ex. Fil. **NW-40 64 cfm**, P/N RV810240....\$481.

Replacement Fiberglass Elements

- Model RPL. Elem. 7 cfm P/N RV810221 (4.0 in. high X 2.2 in. O.D.).....\$42.
- Model RPL. Elem. 14 cfm P/N RV810231 (3.8 in. high X 4.0 in. O.D.).....\$67.
- Model RPL. Elem. 64 cfm P/N RV810241 (4.75 in. high X 9.2 in. O.D.).....\$176.
- Model RPL. Elem. Hi Flo P/N RV810251 (6.15 in. high X 4.0 in. O.D.).....\$67.

Dimensions					
P/N	A Height	B	C Diameter	Flanges	Flow
RV 810220	5.5	0.88	2.5	NW-25	3.5 or 7 cfm pumps
RV 810230	5.25	0.88	5.13	NW-25	10 to 14 cfm pumps High Flow Applications
RV 810240	7.13	2.13	10.25	NW-40	20 to 64 cfm pumps
RV 810250	9.25	0.88	5.13	NW-25	High Flow Applications