



PRODUCT INFORMATION

CVP-702, 704, 705

Silicone Diffusion Pump Fluids

CVP Silicone Diffusion Pump Fluids are very durable and possess characteristics that produce more efficient operation with less maintenance. Their excellent chemical and thermal stability make them highly resistant to oxidation at operating temperatures. This allows longer service runs without deterioration even under adverse pumping conditions. Their very low vapor pressure produces better vacuum levels with low back-streaming rates for faster cycling and cleaner systems.

SPECIFICATIONS	CVP-702	CVP-704	CVP-705
Vapor Pressure	1×10^{-6}	1×10^{-8}	1×10^{-10}
Viscosity @ 25°C	45 cSt	39 cSt	175 cSt
Flash Point	193°C	221°C	243°C
Boiling Point @ 0.5 Torr	180°C	215°C	245°C
Specific Gravity	1.07	1.07	1.09

APPLICATIONS

CVP-702 is a general-purpose fluid designed for use in systems pumping large gas loads in the range of 10^{-5} to 10^{-7} .

CVP-704 is recommended for systems operating in the 10^{-6} to 10^{-8} torr range. Its good thermal stability allows it to perform well even after repeated exposure to air at operating temperatures.

CVP-705 is designed for use in ultra-high vacuum systems operating in the range of 10^{-8} to 10^{-10} torr.

The information and data contained herein are believed to be accurate and reliable; however, it is the responsibility of the user to determine suitability of use.

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