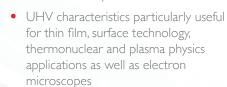


CVC 5 - Silicone Diffusion Pump Fluid

Pentaphenyltrimethyl trisiloxane rich fluid for producing ultra high vacuums in the range 10-9-10⁻¹¹ Torr. Exhibits excellent chemical, oxidation. thermal, hydrolysis and radiation resistance. **Extremely low back streaming properties**



Intended for use where ultra high vacuum conditions are required.



- Extreme stability and high spontaneous ignition temperature make it ideal for use in space-simulation chambers
- Low vapour pressure and low back streaming rate make cold and refrigeration traps unnecessary for pressures in the 10⁻⁸ Torr range.









Features:

- Good resistance to high temperature breakdown
- Ultra high vacuum performance
- Extremely low back streaming properties
- Rapid pump down
- Safer to use than hydrocarbon diffusion pump fluids

Pack sizes:

500cc, 1kg, 5kg, 20kg Further technical information is available upon request.

Typical characteristics:

Specific Gravity gcm ⁻³ @ 25°C	1.09
Viscosity cSt @ 25°C	175 typical
Flash Point Open Cup°C	>240
Boiling Point (under vacuum) °C	240 typical
Ultimate Pressure Torr	10-9 - 10-11

GBR Technology Ltd

Unit 42, Easter Park, Benyon Road, Silchester, Reading, Berkshire, RG7 2PQ



Telephone: +44 (0) | | 8 982 0567 Fax: +44 (0) | | 8 982 0590

Email: info@gbrtech.co.uk

www.gbrtech.co.uk





