

KOPVAC L-204

High Vacuum Diffusion Pump Fluid

Applications

KPL KOPVAC L-204 is designed for vacuum systems used in metallurgy, optics, electronics, aerospace, coatings, nuclear energy and any other use requiring a high vacuum of 10^{-6} to 10^{-8} mmHg (untrapped) and 10^{-10} to 10^{-11} mmHg (trapped).

Features

- excellent resistance to oxidation, heat, chemicals and radiations
- compatible with butyl and Viton gaskets
- capability unchanged even after 1000 cycles

Benefits

- faster pumping, faster cycling, reduced downtimes and maintenance
- longer service life
- traps are unnecessary in many applications
- cleaner systems

Typical Data

Parameter	Unit	Value
Appearance		Clear liquid
Specific gravity at 25°C		1.07
Viscosity at 25°C	mm ² /s	39
Flash Point °C	°C	221
Ultimate vacuum, untrapped	mmHg	10^{-7} to 10^{-8}
Ultimate vacuum, trapped	mmHg	10^{-11}
Vapor pressure at 25°C	mmHg	2×10^{-8}
Typical boiler temperature	°C	220

How to Use

- the vapour pressure based on the baffle temperature
- the pump operating temperature based on the boiler service pressure

Useable life and Storage

When stored at or below 20°C (68°F) in the original unopened containers, usable life of 60 months from the date of production.

Product packaging

1KG , 5KG , 20KG

Product Information



Health and Environmental Information

To support Customers in their product safety needs, KOPLIN has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our Web site or consult your local KOPLIN representative.

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Limited Warranty Information

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.



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KOPLIN LLC is responsible for the KPL brand product research and development ,quality control and industrial design. All KPL products are authorized by the KOPLIN LLC factory cooperation to complete the production.