



Precision-V 3752 Vapor Degreaser & Thermal Transfer Solvent Product# 3752

Product Description

Techspray® has formulated Precision-V 3752 to be a drop-in replacement for 3M Novec 7500.

Precision-V cleaners leave no residue and evaporate extremely fast, and are nonflammable with no flash-point. Electronics, optics, and metal parts are quickly and thoroughly cleaned, eliminating the need for further rinsing.

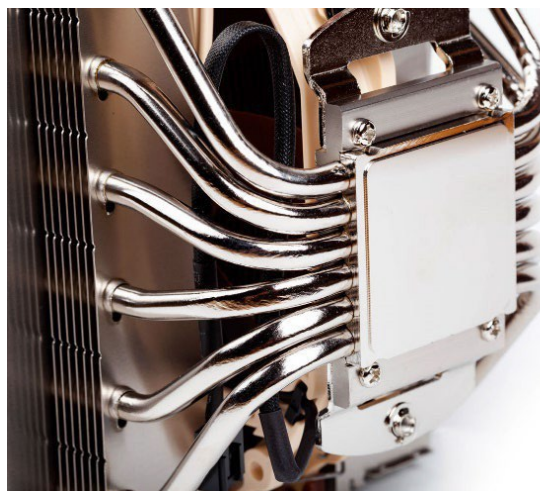
Precision -V 3752 with its unique physical properties make it suitable for two phase immersion and thermal management in semiconductor fabrication.

Features / Benefits

- Drop-in replacement for 3M Novec 7500
- Nonflammable
- Non-conductive
- Compatible with plastics
- Low toxicity
- Zero ozone depletion potential (ODP)
- Low surface tension for cleaning within tight areas

Applications

- Used in vapor-degreasers and general solvent cleaner
- Cleaning, Data Center Cooling
- Deposition Solvent
- Electronic Cooling
- Heat Transfer
- Immersion Cooling for Data Centers
- Oxygen System Cleaning
- Preservation for Biological Specimens



Typical Product Data and Physical Properties	HFE7500	3752
Boiling point °C	128	107.2
Pour point °C	-100	-109
Density (g/mL)	1.614	1.7375
Latent heat of Vaporization @ 1 atm (KJ/Kg)	88.5	72.57
Surface Tension (dynes/cm)	16.2	14.2
Kinematic Viscosity (cST)	0.77	1.32
Dielectric Strength (kV)	35	40
Volume Resistivity (Ohm-cm)	2.2x10 ⁸	1x10 ¹⁵
Dielectric Constant	5.8	1.87
Vapor Pressure mmHg		38
GWP	90	420
ODP	0	0
Specific Heat [J/kg-K]	1140	865
Liquid Thermal Conductivity [W/(mK)]	0.065	0.0695
Channel	Discontinued	Import (CN)
Lead time (commercial quantities)		8 to 12 wks

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Material Compatibility

Precision-V cleaners are generally compatible within normal operating conditions and with exposed materials normally found with the equipment. Specific plastic and elastomeric formulations vary with manufacturers; therefore, we recommend compatibility verification when required.

Environmental Policy

Techspray® is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

Resources

Techspray® products are supported by global sales, technical and customer services resources.

For additional technical information on this product or other Techspray® products in the United States, call the technical sales department at 800- 858-4043, email tsales@techspray.com or visit our web site at: www.techspray.com.

Important Notice to Purchaser/User: The information in this publication is based on tests that we believe are reliable. The results may vary due to differences in tests type and conditions. We recommend that each user evaluate the product to determine its suitability for the intended application. Conditions of use are outside our control and vary widely. Techspray's only obligation and your only solution is replacement of product that is shown to be defective when you receive it. In no case will Techspray® be liable for any special, incidental, or consequential damages based on breach of warranty, negligence or any other theory.



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Call to locate a distributor in your country