



# Product Information

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## MS-738 / 738M / 739 Contact Re-Nu® & Lube

### Description:

Excellent for cleaning and lubricating switches, relays, distribution panels and servomechanisms. Contains a high performance fluorinated synthetic oil in an HFE solvent cleaner. This product is nonflammable, odorless, and has a low order of toxicity. Contains no silicones. For lubricating multi-pin connectors, use MS-381HC/MS-383H Connector Lubricant.

### Advantages:

- Evaporates quickly; Nonflammable
- Leaves no residue
- Compatible with most plastics, elastomers and metals
- Non-ozone depleting
- RoHS compliant

### Properties of the Synthetic Oil:

Dielectric breakdown voltage.....38.0 to 41.0 kV/0.1 in  
 Specific resistivity.....(0.6 to 4.0)10<sup>14</sup> ohm-cm  
 Dielectric constant.....2.1 to 2.2 @ 10<sup>2</sup> to 10<sup>5</sup> Hz  
 Dissipation factor.....(3.0 to 7.0)10<sup>-3</sup> % @ 10<sup>2</sup> to 10<sup>5</sup> Hz  
 Useful range.....<-70° to 66°C (<-94° to 150°F)  
 Oil viscosity.....12.4 cST @ 20°C/68°F

### Physical Properties:

Boiling Point .....140°F/60°C  
 Liquid Density.....1.5 g/ml @ 77°F/25°C  
 Ozone Depletion.....0.00  
 VOC Content:  
 Aerosol.....132 g / L  
 Bulk.....162 g / L

### Plastic Compatibility:

(Immersion: 15 mins @77°F/25°C)

- Acrylic
- Polypropylene
- Polyester
- PMMA
- ABS
- Polyethylene
- Polycarbonate
- Epoxy
- PET
- Nylon

### Elastomer Compatibility:

(Immersion: 15mins @ 77°F/25°C)

- Butyl Rubber
- Nitrile Rubber
- Natural Rubber
- EPDM

### Metal Compatibility:

(Compatible after one hour exposure at boiling temperatures)

- Aluminum
- Carbon Steel
- Brass
- Copper
- Stainless Steel
- Zinc

**Note:** Test for compatibility before use.

**Safety Data Sheets (SDS) are available upon request.**

Contact Re-Nu® is a registered trademark of miller-stephenson chemical company inc.

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