WonderMASK WA Washable Solder Mask
Product# 2206

Product Description
Quick drying water-washable mask. Quickly and easily removed with in-line and batch cleaning systems. Note: do not use in closed-loop wash systems.

Techspray’s WonderMASK is the industry-leading temporary solder mask brand because of quality and versatility. Depending on the product, mask can be peeled off manually or washed off in a batch or inline system.

WonderMASK WA has a number of useful applications in PCB assembly:
- Thru-hole masking – Prevent soldering open holes in a wave soldering process by covering with WonderMASK. All of the masks listed below are well suited for this application.
- Temporary component adhesive – WonderMASK can be used to tack down components on double-sided PCBs.

All Techspray WonderMASK products have the following advantages:
- Can be cured in pre-heat
- Withstands lead-free soldering temperatures up to 640°F (343°C) in wave soldering process
- RoHS compliant

Features / Benefits
- Water washable
- Viscosity optimized for robotic & pneumatic applications
- Non-corrosive
- Low odor
- Nonflammable

Typical Product Data and Physical Properties

<table>
<thead>
<tr>
<th>Physical state:</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>White</td>
</tr>
<tr>
<td>Odor:</td>
<td>Alcohol-like</td>
</tr>
<tr>
<td>Shelf life:</td>
<td>2 years</td>
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</tbody>
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Performance & Application Data

<table>
<thead>
<tr>
<th>Application</th>
<th>Pneumatic, robotic</th>
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<tbody>
<tr>
<td>Viscosity</td>
<td>6,050-6450 cps</td>
</tr>
<tr>
<td>Suggested thickness</td>
<td>10-15 mils</td>
</tr>
<tr>
<td>Thinner:</td>
<td>DI water</td>
</tr>
<tr>
<td>Cure time</td>
<td>1-2 hrs. Ambient, 30 min. @ 80°C</td>
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<tr>
<td>Removal</td>
<td>Soluble in Water 49 ºC or higher</td>
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</table>
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Packaging and Availability

2206-G 1 Gallon Liquid

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.

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