



WonderMASK W Washable Solder Mask

Product# 2205

Product Description

Quick drying water washable mask. Quickly and easily removed with inline and batch cleaning systems.

NOTE: Do not use in close-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 W 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:

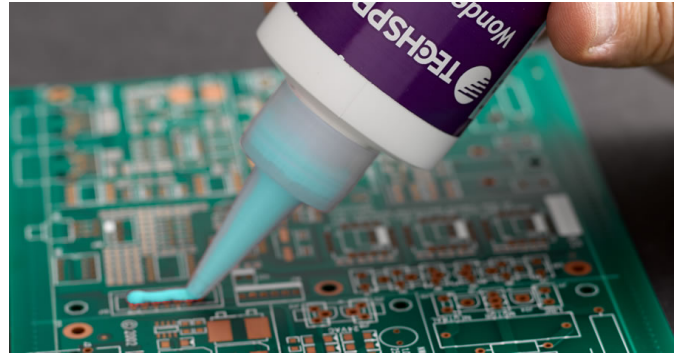
- Can be cured in pre-heat
- Withstands lead-free soldering temperatures up to 640°F (343°C) in wave soldering process
- RoHS compliant

Features / Benefits

- Water washable
- Non-corrosive
- Low odor
- Nonflammable

Usage Instructions

Apply a 10 to 15 mil coating for best results to desired area. The substrate should be free from grease, oil, and particulate matter. Drying times depend upon ambient humidity. Under normal conditions WonderMASK® W will cure in 1 hour at 25°C/77°F; however, cure can be accelerated to 30 minutes at 80°C/176°F. Do not over cure, as blistering of mask can occur, causing removal problems. Mask may be thinned using deionized water.



Typical Product Data and Physical Properties

| | |
|-----------------|--------------|
| Physical state: | Liquid |
| Color: | Blue |
| Odor: | Alcohol-like |
| Shelf life: | 2 years |

Performance & Application Data

| | |
|---------------------|----------------------------------|
| Application | Hand applied |
| Viscosity | 9,00-10,000 cps |
| Suggested thickness | 10-15 mils |
| Thinner | DI water |
| Cure time | 1-2 hrs. Ambient, 30 min.@80°C |
| Removal | Soluble in Water 49 °C or higher |

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Packaging and Availability

| | |
|----------|-----------------|
| 2205-8SQ | 8 Ounce Liquid |
| 2205-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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