



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:

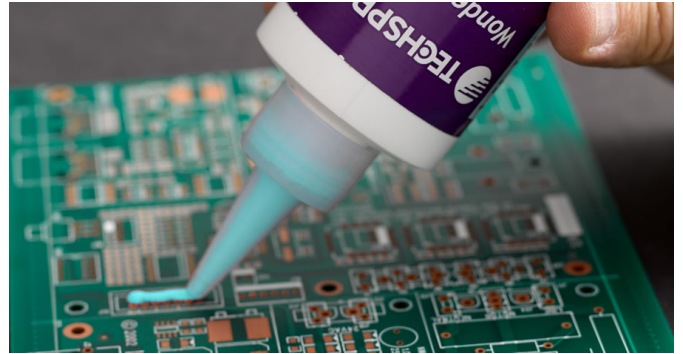
- Can be cured in pre-heat
- Withstands lead-free soldering temperatures up to 640°F (343°C) in wave soldering process
- RoHS compliant

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 |

WonderMASK W Washable Solder Mask

Product# 2205

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.

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.