



PRODUCT DATASHEET

S768OAS

Description:

S768OAS a masking tape for printed circuit boards during wave solder or solders dip process. This polyimide tape features an antistatic (ESD) coating and offers high temperature resistance, excellent electrical properties as well as resistance to punctures and tears.

Features:

- Surface resistance >10⁵ Ω (ohms)
- Puncture, tear resistance
- Thin, conformable
- High temperature, chemical resistance
- Clean removal silicone adhesive system



Product Data			
Carrier	Polyimide Film	0.984 mil	0.025mm
Adhesive	Silicone	1.377 mil	0.035mm
Liner	-		
Total Thickness	-	2.36 mil	0.06 mm
Peel Adhesion	From Stainless Steel	18 oz/in	5.0 N/25 mm
Temperature Resistance	-	500° F	260°C
Surface Resistance (Ω)	-	10 ⁵ -10 ⁹	

Assembly

Bonding

Masking

Splicing

Application Notes:

Used as a masking and surface protection tape for high-temperature applications. Used as a mask in soldering applications and as a coil winding tape in electrical components that will see high service temperature. Used for powder coat masking when process temperatures are >450°F and/or a very conformable tape is needed. Used as a surface protection tape when temperatures are greater than 400° and must still have clean removal. A great choice to use on flexible electronics and thermal heating elements.

To achieve ultimate adhesion, the bonding surface should be dry, clean, and free of dirt and oils. The strength of the adhesive bond is dependent on the amount of surface area directly contacting the adhesive. Firm pressure is recommended to obtain good adhesive to surface contact.

Note: Values should not be used for specification purposes. Each user should make their own test to determine the products suitability for their own intended use and shall assume all risks and liabilities in connection therewith. Materials should be stored at 70°F (21°C) with 50% relative humidity.

Good

Better

Best

Not Recommended

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