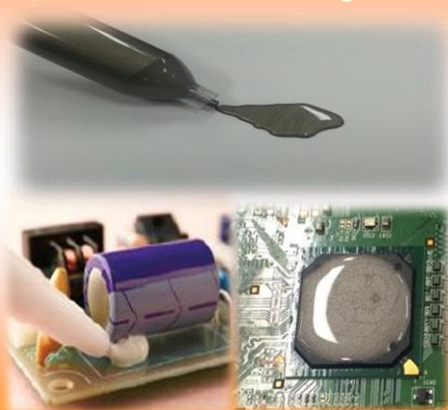


JoinAbsorb™

(1-Part EMI Absorbing Paste)



1 JoinAbsorb™ series ?

“JoinAbsorb” series is a silicone paste having EMI absorbing and adhesive property. It is a suitable to solve EMI problem in electronic device.

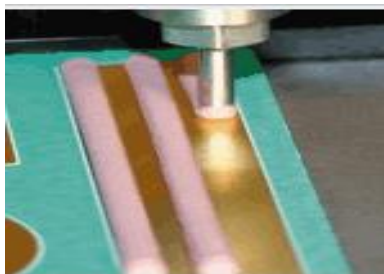
“JoinAbsorb” is composed with polymer and magnetic metal powder. It is a 1-part cured type, easy to use and has a high reliability and excellent EMI absorbing property. Also, It has a good adhesion (Self-sticky or adhesive type) and insulation property.

“JoinAbsorb” is environmentally friendly, so it is no harmful to human body and could be used at lots of industries.

2 Main Characteristics ;

- ◆ 1-Part Cured type Paste having good EMI absorbing property
- ◆ Excellent EMI absorbing effect after reflow soldering process (Reflow soldering is possible)
- ◆ Good Insulation property : Min $10^8 \Omega/\square$
- ◆ Good Adhesive property : Self-Sticky type (Easy Rework and soft), Strong Adhesive type (Most materials)
- ◆ Environmental friendly : Halogen Free, EU-RoHS. Lead free, Red phosphorus Free

3 How to use of JoinAbsorb™ series ?



<Dispensing>



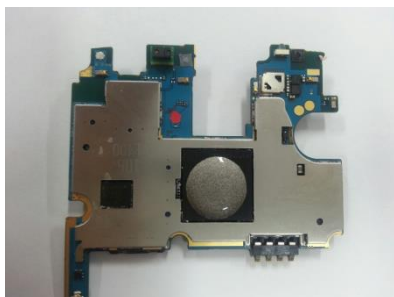
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4 Applications of JoinAbsorb™ series

Smart Phone, Mobile Device, Tablet PC for Noise Suppression and RFID Transmission Improvement and Anti-ESD



5 Properties

EU-RoHS, Halogen Free

Classification	Unit	EMI/RF Absorber		NFC/WPC Absorber	
		MAF-S	MAF-A	MAR-S	MAR-A
Applying type (Adhesive type)	-	Self Sticky	Adhesive	Self Sticky	Adhesive
Composition	-	Silicone & Magnetic Powder			
Color		Gray			
Product / Cure type		1-Part / High temperature	1-Part / room temperature	1-Part / High temperature	1-Part / room temperature
Permeability	μ'	Typical 10		Typical 5 (μ'' : Below 1)	
Frequency	-	1MHz ~ 10GHz		13.56MHz	
Viscosity	poise	Typical 30			
Curing Condition	-	135℃ 5 Min.	RT 48 Hrs	135℃ 5 Min.	RT 48 Hrs
Adhesive Strength (Substrate : Metal)	MPa	-	2.0	-	2.0
Hardness	-	Below 70 (Shore 00)	60 (Shore A)	Below 70 (Shore 00)	60 (Shore A)
Breakdown Voltage	KV/mm	Min. 15	Min. 15	Min. 15	Min. 15
Volume resistance	Ω · cm	Min. 10 ¹¹	Min. 10 ¹¹	Min. 10 ¹¹	Min. 10 ¹¹
Storage	-	3 Month (0 ~ 10℃)			
Environments	-	Halogen Free, Meet EU RoHS, Lead Free			

※ Above specifications are only for reference and can be changed without notice.

6 Packing

◆ 300cc Cartridge (Aluminum or plastic)

◆ 70cc plastic syringe



Plastic Cartridge



Aluminum Cartridge



7 Product List (How to Order)

• P/N : JoinAbsorb - MAF - S - 30 - 300
 1) 2) 3) 4) 5)

1) Series (Product Name)	JoinAbsorb
2) Type (Absorbing Type)	MAF : Absorber for EMI, MAR : Absorber for RFID/WPC
3) Adhesive type	S : Self sticky type, A : Adhesive type
4) Viscosity	30 : 30 Poise
5) Packing Size	300 : 300cc cartridge