



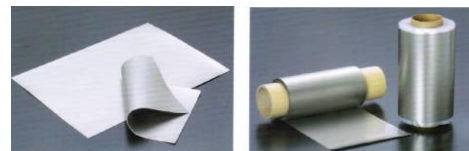
Absorber

Product Description

SF-S Series use alloy powder, has hi- absorption performance. Also have the properties of lightness in weight, high resistance in temperature, anti-humid, anti-corrosion. With these properties, SF-S Could be used in a variety of application

Features

- Capable of fixing failure problem when antenna is attach to metal.
- None-Conductive external inductance allow to solve EMI problem faster.
- Absorb NOISE by transform electromagnetic waves in to heat energy.
- Higher permeability brings better NOISE restrain ability.
- Suitable for frequency between 10MHz~6GHz.
- Because the feature of high permeability helps increase aggregate of magnetic line of flux. Help increase products' performance.
- At the same thickness, alloy materials has higher saturated magnetic field compare to ferrite.
- Suitable for apply on receive end ◦
- Has better die cut workability compare to ferrite.



Applications

- Cellphone, Hand hold Device, wireless telecommunication and other electronic device.
- Mainboard, LCD monitor, Notebook computer and other device.
- Artitecture materials, microwave unreflected chamber, radar, aerospace electronic device.

Storage and Shelf Life

- Store in original cartons at 40±5°C and 70%±10% relative humidity in order to obtain best.
- performance, besides use these products within 12 months from date of manufacture.



SPECIFICATION

Production Type	Unit	SF-S SERIES						Test Method	
		SF-S05	SF-SF3	SF-SS7	SF-S11	SF-S15	SF-S18		
Production	-	SF-S05	SF-SF3	SF-SS7	SF-S11	SF-S15	SF-S18	-	
Permeability	-	50	30	70	110	150	180		
	Frequence	@ 1 MHz							
Standard Thickness	mm	0.1~1	0.1~2	0.1~0.5	0.03~0.5			ASTMD374	
Operating Temp.	°C	120							HC40243
Standard Size	mm	A4 Sheet / Customized Sheet / Rolls							
Application		1.RFID Tag 2.EMI 3.Shielding 4.EMC	It can provide excellent suppression at high-frequency noise in Wi-Fi and higher bandwidths.	1.RFID Tag 2.EMI 3.Shielding 4.EMC	1. RFID Tag 2. EMI Shielding 3. EMR 4. WP 5. EMC				

The information of specification and recommended appliances on this datasheet, are base our knowledge and experiences. For Actual appliance, please conduct tests to decide the applicability of the products. DO NOT depend on the datasheet's info as applicability of the products without conducting any experiments.