

## Silicon Rubber Absorber

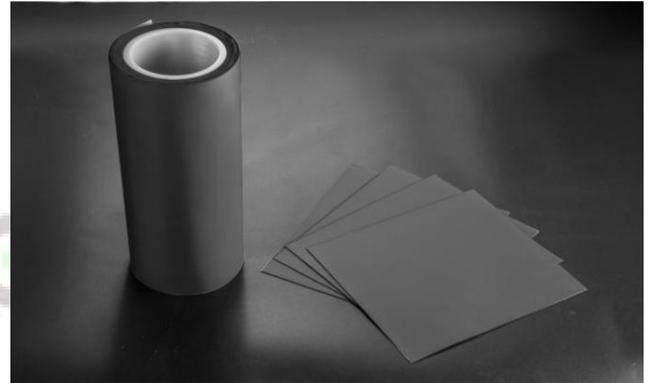
### PE-EMAS-RSB3X160

#### Introduction:

\* PE-EMAS-RS series is soft magnetic material made by mixing, dispersing, and pressing micron-level sheet-like iron-based alloy power and silica gel.

\* It is halogen-free and environmentally friendly, excellent absorbing effect.

\* It can effectively suppress the electromagnetic interference between signal source(such as IC chips, antenna) and components(such as radiators, chassis).



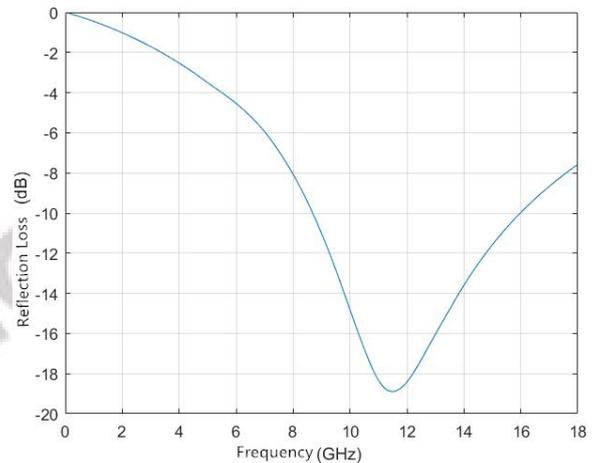
#### Features:

1. Excellent insulation material
  2. Excellent weather resistance and flexibility
  3. Absorbing and EMI shielding, good surface compatibility
1. High reliability for long-term use

#### Specification:

| Item                 | Data          | Unit              | Test method          |
|----------------------|---------------|-------------------|----------------------|
| Thickness            | 1.6           | mm                | Tape thickness gauge |
| Reflection Loss      | Above graphic | dB                | GJB:2038-1994        |
| Hardness             | 55±5          | ShoreA            | ASTM D2240           |
| Thermal conductivity | 0.6±0.1       | w/m.K             | ISO22007<br>-2-2008  |
| Density              | 3.1±0.2       | g/cm <sup>3</sup> | ASTM D792            |
| Working temperature  | -55~155       | °C                | -                    |
| Base size            | 305*305       | mm                | -                    |

#### Reflection Loss:



The absorber is compliance with RoHS and halogen-free

Note:Above data is for reference only.