

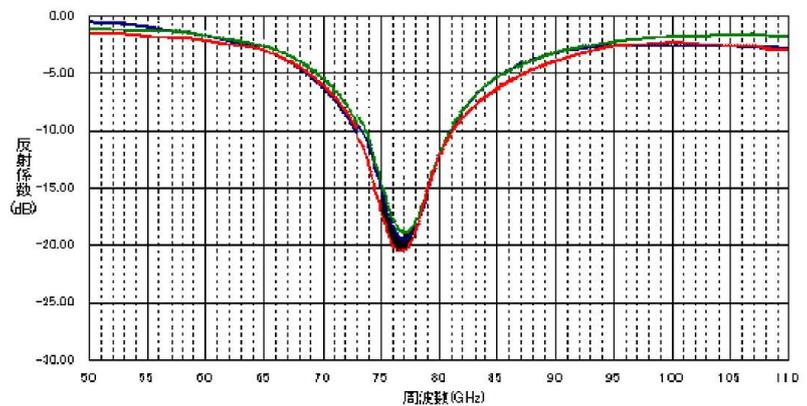
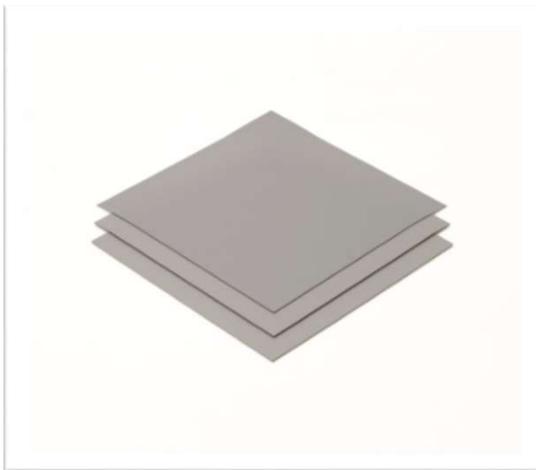
76.5GHz Sheet radio wave absorber

EC-SORB®SF-76.5MB is the thin sheet resonance type radio wave absorbers, which is focused to 76.5GHz for the vehicle anti-collision radar, with the reflection coefficient less than -10dB.

Due to the silicon resin material, SF-76.5MB has excellent the physical properties of weatherability, heat impact, etc. and is much suitable for vehicle application under the severe outdoors condition, like a endurance among -54°C to +160°C.

Though its core is silicon resin, the back surface is aluminum evaporated polyester film, so this is easy to attached by using normal rubber adhesive. Since its back side have metal layer, it is available to designed performance in case of attaching to non-conducted like a plastic. (patent no 5481613)

The standard size is 30.5 x 30.5 x 0.12cm. It can be cut readily with a scissors & cutter knives and easy to sealed on the curved surface due to much flexibility.



Typ. Reflection Coefficient response
(TM wave @input angle 10°)

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