

ABS-ASF

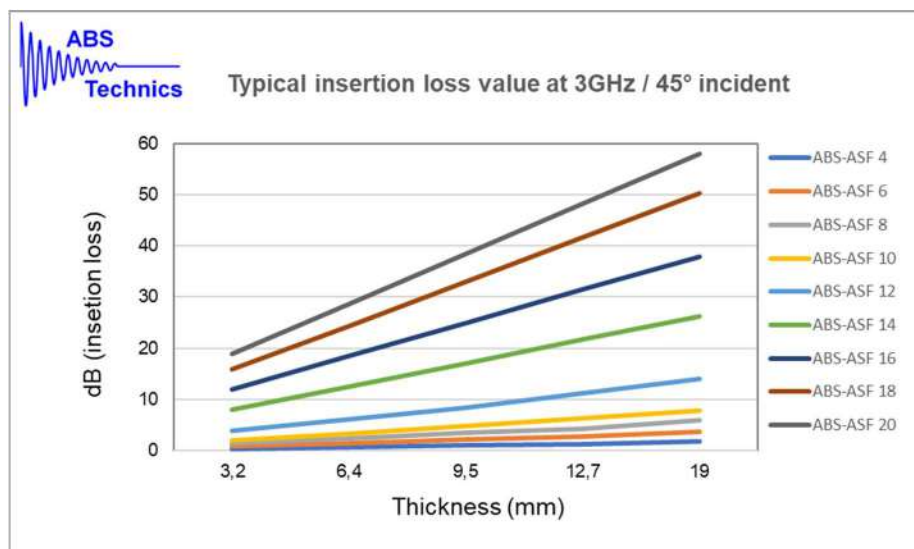
Flexible lossy sheet microwave foam absorber

ABS-ASF is a series of single layer polyurethane sheets available in different thicknesses and different lossy grades. The sheets are individually specified with a level of insertion loss (-dB) at a given frequency, typically in S-band as shown in the below measurement graph.

Applications :

- ABS-ASF sheets are mainly used in closed cabinet applications such as amplifiers, RF-radio's, oscillators to improve their Q-factor.
- ABS-ASF is also used to attenuate surface currents on metal structures.
- Isolation between RF-systems and also improvement of reflectivity level of reflecting objects.

Specifications :



Properties :

ABS-ASF is typically specified by its loss properties, insertion loss or attenuation both expressed in dB/thickness. Different grades with tuned losses and standard thickness are available.

The base material is a flexible urethane foam, so mechanically low density and ease of application are its most important features

Maximum service temperature : +90°C

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Availability :

Standard outside dimensions : 610 x 610mm with thicknesses from 3,2 to 19mm

Besides standard dimensions also specific or customized sizes and shapes can be supplied.

ABS-ASF can also be supplied with a self-adhesive tape to ease installation.

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