



## esorb EÜŠOE

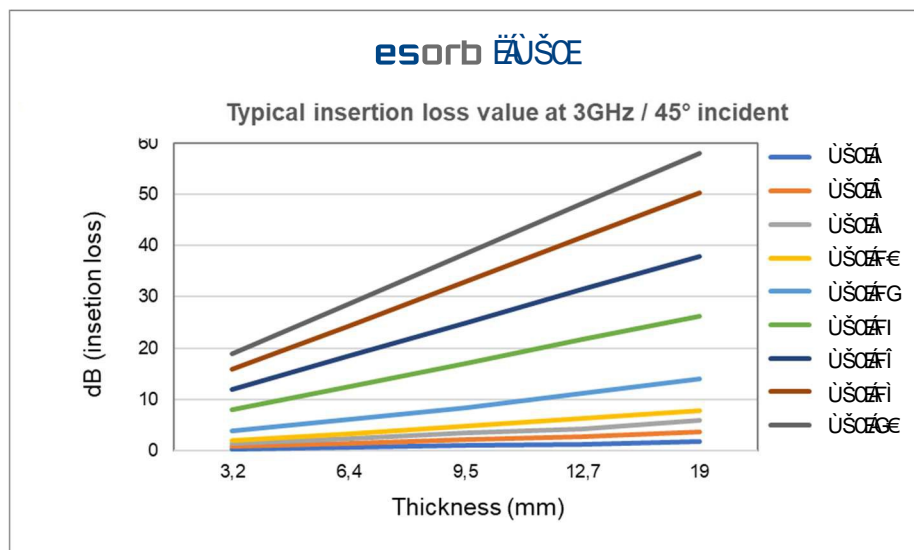
### Flexible lossy sheet microwave foam absorber

esorb EÜŠOE is a series of single layer urethane 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 :

- esorb EÜŠOE sheets are mainly used in closed cabinet applications such as amplifiers, RF-radio's, oscillators to improve their Q-factor.
- esorb EÜŠOE 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 :

esorb EÜŠOE 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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Technical data sheet

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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.

**esorb** **ESCE** can also be supplied with a self-adhesive tape to ease installation.

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