

ABS-NSA

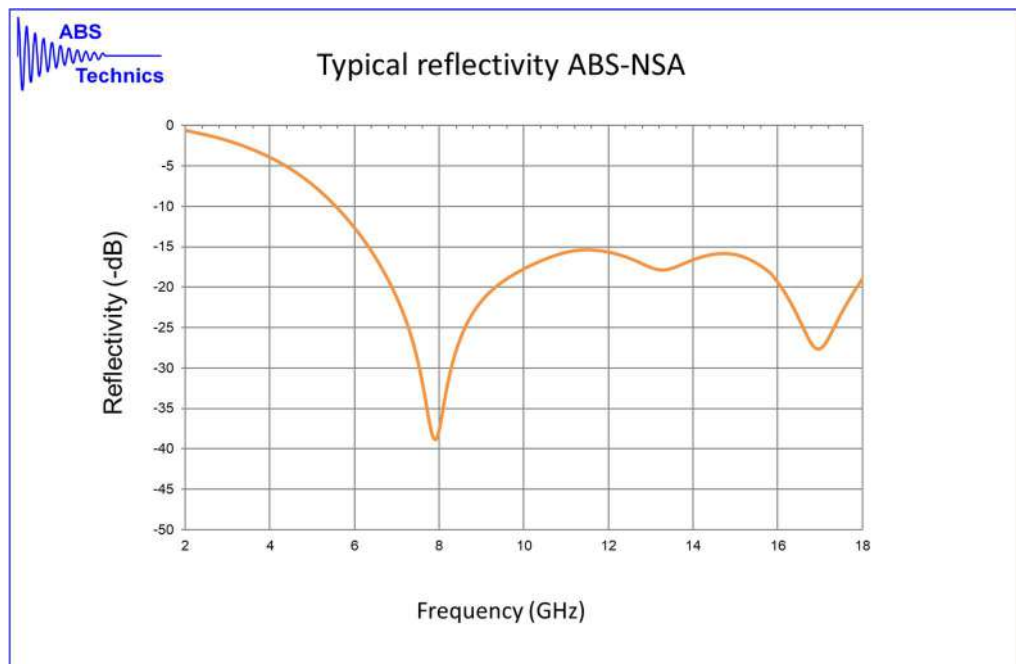
X- and Ku-dual band rubber sheet absorber

ABS-NSA is a flexible rubber dual frequency band absorber. Based on a nitrile rubber elastomer, this absorber reflects less than -20 dB of normal incident energy relative to a metal plate, at 10 and 16 GHz and better than -15 dB over the entire X- and Ku-bands.

Applications :

- ABS-NSA is used on outdoor applications which require a reduction of their reflectivity level.
- The rubber absorber is common used on metal structures in harsh environments such as naval applications.
- It has good outdoor weathering characteristics, it is abrasion resistant and has an excellent resistance to moisture and hydraulic fluids.

Specifications :



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Properties :

The table below shows the most important properties of ABS-NSA absorber material :

Dimensions	610 x 610 x 6.8 mm
Nominal weight	+/- 6.5 Kg/m ²
Composition base material	Nitrile rubber
Colour	Brown/Grey
Tensile strength	11.2 kg/cm ²
Elongation %	+ 300 %
Maximum service temperature	-50 up to 130°C

Availability :

ABS-NSA is produced and available as sheets with dimensions 610 x 610 x 6,8mm (WxLxH).

Not only standard dimensions also specific or customized sizes can be supplied.

ABS-NSA can also be supplied with a conductive back side (= suffix -CF)

The material can also be supplied with a self-adhesive backside (=suffix -SA)