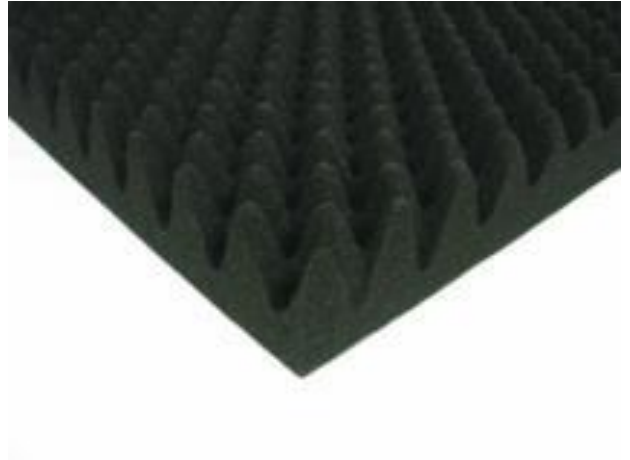


Convuluted Foam Absorber product series is a lightweight conductive carbon loaded sheet stock providing broadband reflection loss at microwave frequencies.

Due to the shape of the cones on Convuluted Foam Absorbers, they exhibit high reflection loss and are intended to be applied to metal surfaces inside test boxes, housings, radomes or antennae.

Convuluted Foam Absorbers attenuate energy at normal and high angles of incidence at frequencies from 1 to 18 GHz.

- Available in 610x610 mm standard sheet size; other dimensions, die-cut and kiss-cut on request
- Available in thicknesses from 38,1 to 76,9 mm
- Lightweight foam
- Easily applied with adhesive tape
- Cost effective broadband material
- Halogen free



RoHS



REACH



PRODUCT SPECIFICATIONS

PROPERTY	VALUE / TOLERANCE	TEST METHOD
Basic material	Carbon impregnated foam	-
Standard sheet size (LxW)	610x610 mm	-
Thickness range (T)	38,1 – 76,9 mm	-
Adhesive thickness	0,12 mm	-
Operating temperature	-50 – 120°C	-
Colour	Black	Visual

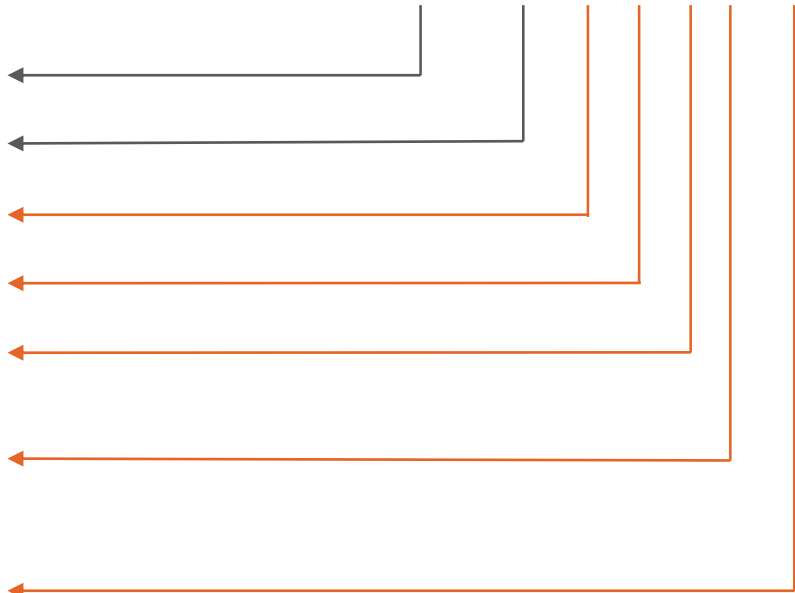
FREQUENCY RANGE

FREQUENCY (GHz)	MATERIAL THICKNESS (mm)
4 – 40	76,9
10 – 100	38,1

BUILDING AN ITEM NUMBER

MWA-CFA-LxWxT-X-YYY

Microwave Absorber	
Convuluted Foam Absorber	
xx	Length (mm)
xx	Width (mm)
xx	Thickness (mm)
N	Non-conductive adhesive
O	Without adhesive tape
DST	Die-cut parts
KCT	Kiss-cut parts



Standard options

EXAMPLE

MWA-CFA-610x610x38,1-N-DST

Convuluted Foam Absorber; size: 610x610 mm; thickness: 38,1 mm; non-conductive adhesive; die-cut

CONFIGURATIONS AVAILABLE

- Standard sheet size: 610x610 mm
- Customer-specific sheet sizes on request
- Die-cut parts
- Kiss-cut parts

REFLECTIVITY PERFORMANCE

