

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

It is designed with a continuous gradient coating to exhibit high reflection loss and is intended to be applied to metal surfaces inside microwave cavities, housings, radomes or antennae.

Reticulated 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 12,7 to 31,8 mm
- Lightweight polyether reticulated foam
- Easily applied with adhesive tape
- Most broadband absorber material
- Halogen free



RoHS



REACH



## PRODUCT SPECIFICATIONS

PROPERTY	VALUE / TOLERANCE	TEST METHOD
Basic material	Carbon loaded foam	-
Standard sheet size (LxW)	610x610 mm	-
Thickness range (T)	12,7 – 31,8 mm	-
Adhesive thickness	0,12 mm	-
Operating temperature	-50 – 120°C	-
Colour	Black	Visual

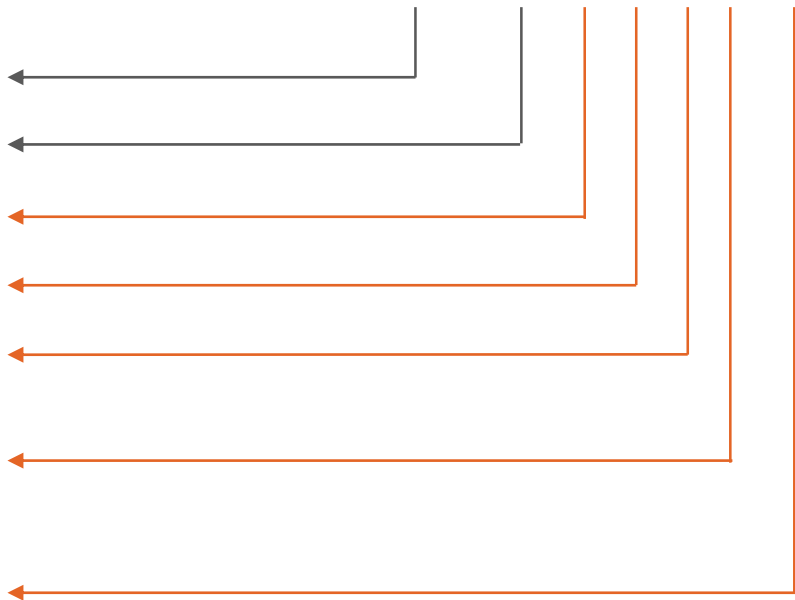
## FREQUENCY RANGE

FREQUENCY (GHz)	MATERIAL THICKNESS (mm)
4 – 40	31,8
5 – 40	25,4
6 – 40	19,1
8 – 40	12,7

## BUILDING AN ITEM NUMBER

MWA-RFA-LxWxT-X-YYY

Microwave Absorber	
Reticulated 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-RFA-610x610x12,7-N-DST**

Reticulated Foam Absorber; size: 610x610 mm; thickness: 12,7 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

