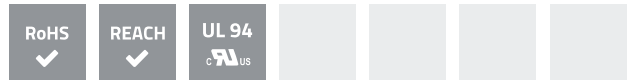
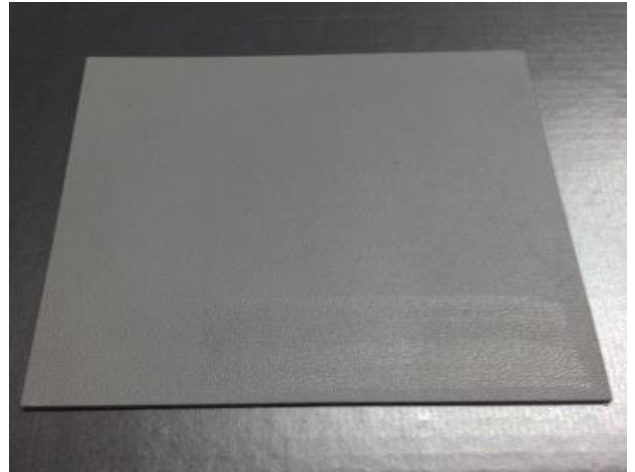


Cavity Resonance Absorber product series is a thin magnetically loaded sheet stock having loss at microwave frequencies, while maintaining the desirable characteristics of elastomeric binders.

It is designed to exhibit high loss and is intended to be applied to metal surfaces inside microwave cavities to reduce the Q of the cavity.

Cavity Resonance Absorbers attenuate energy at normal and high angles of incidence at frequencies from 1 to 20 GHz.

- Available in 610x610 mm standard sheet size; other dimensions, die-cut and kiss-cut on request
- Available in thicknesses from 0,25 to 3,18 mm
- Very thin for compact locations
- Flexible elastomeric material will not crack
- Support broad frequency range
- Halogen free



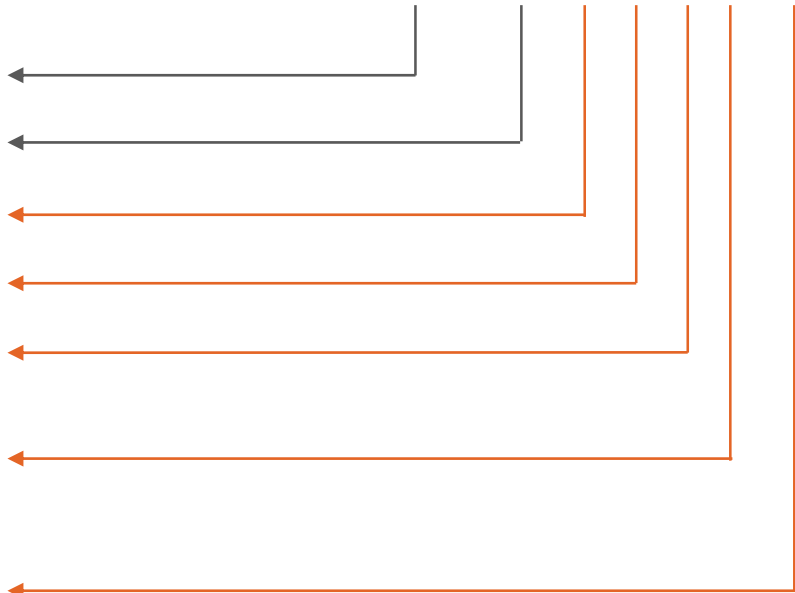
PRODUCT SPECIFICATIONS

PROPERTY	VALUE / TOLERANCE	TEST METHOD
Basic material	Silicone	-
Standard sheet size (LxW)	610x610 mm	-
Thickness range (T)	0,25 – 3,18	-
Adhesive thickness	0,12 mm	-
Operating temperature	-50 – 190 °C	
Hardness	60 – 80 Shore A	-
Colour	Grey	Visual
Flammability rating	V-0	UL94

BUILDING AN ITEM NUMBER

MWA-CRA-LxWxT-X-YYY

Microwave Absorber	
Cavity Resonance 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-CRA-610x610x3,18-N-DST

Cavity Resonance Absorber; size: 610x610 mm; thickness: 3,18 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

FREQUENCY RANGE

FREQUENCY (GHz)	MATERIAL THICKNESS (mm)
1 – 3	3,20
2 – 5	2,54
2 – 5	2,28
3 – 7	2,03
4 – 7	1,78
5 – 9	1,52

FREQUENCY (GHz)	MATERIAL THICKNESS (mm)
6 – 11	1,27
9 – 14	1,01
13 – 17	0,76
14 – 18	0,50
16 – 26	0,25

REFLECTIVITY PERFORMANCE

