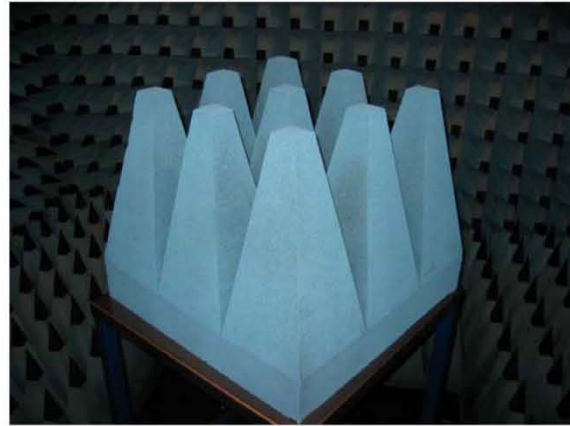


Description:

ECCOSORB VX-NRL is a solid, flat-top, pyramidal shaped, carbon loaded urethane foam absorber.

This absorber has been especially designed to meet the absorber reflectivity requirements specified in MIL-STD-462. The NRL suffix refers to its compliance with the fire retardancy requirements of the U.S. Naval Research Laboratory (NRL) test 8093.

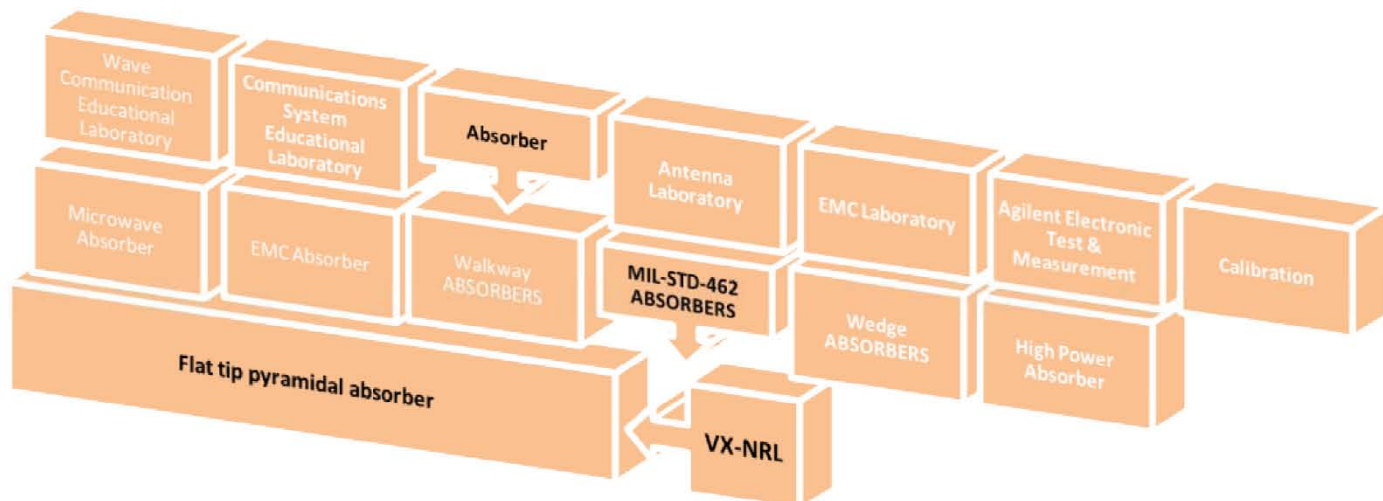


Application:

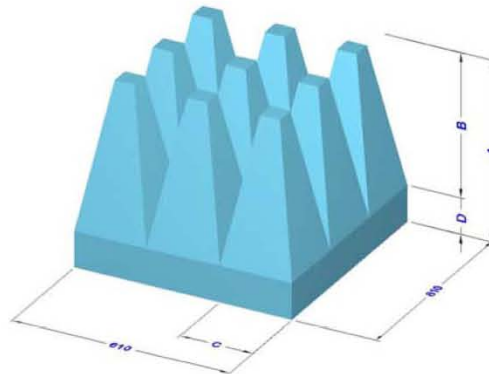
ECCOSORB VX-NRL offers excellent performance starting from 80 MHz with a reduced height and is optimal for use in chambers which have to comply with MIL-STD-462.

Physical Properties:

	VX-NRL
Standard	Blue
Base size (cm)	61 x 61
Max. Service Temperature(°C)	90
Power Handling	1.5 kW/m ²
Fire Retardancy	NRL8093 Tests 1, 2 & 3, DIN 4102 Class B2, ISO 11925-2



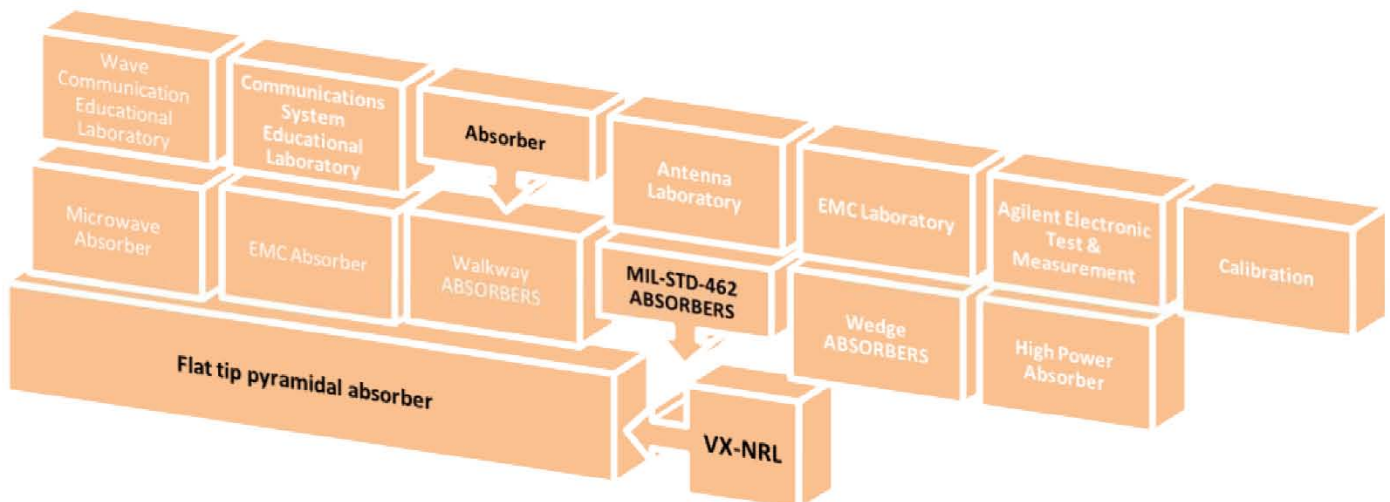
Nominal dimensions and weights of ECCOSORB VX-NRL:



	Total height A (cm)	Pyramid height B (cm)	Pyramid width C (cm)	Base height D (cm)	Number of pyramids per piece	Nominal weight (kg)
VX-20-NRL	50,8	40,6	20,3	10,2	9	4,8
VX-30-NRL	76,2	61,2	30,5	15,0	4	7,0

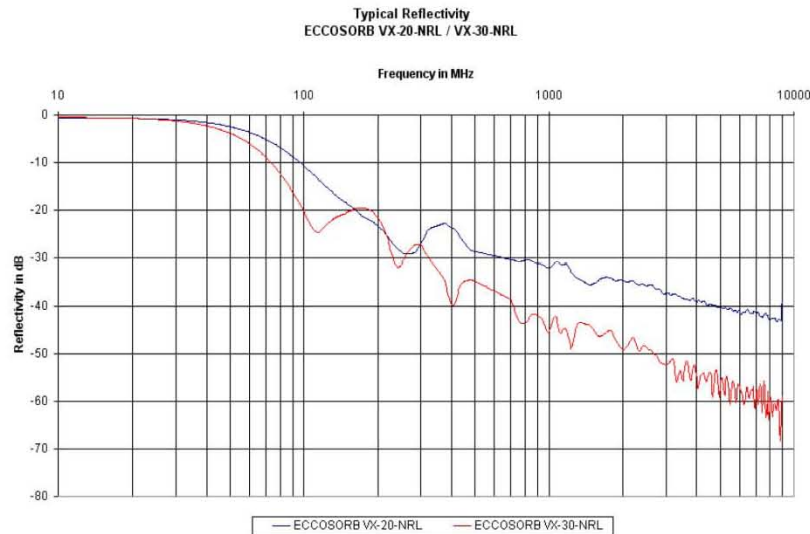
Electromagnetic properties:

GUARANTEED MAXIMUM REFLECTIVITY OF ECCOSORB® VX GRADES		
	Above 80 MHz	Above 150 MHz
VX-20-NRL	- 6 dB	- 15 dB
VX-30-NRL	- 10 dB	-15 dB



Electromagnetic properties :

The graph below indicates normal incidence reflectivity of the various grades of ECCOSORB VX-NRL at various frequencies



Availability:

ECCOSORB VX-NRL is available in pieces with base dimensions of 61cm x 61cm. There are two standard grades ECCOSORB VX-20-NRL with a height of 50.8 cm and ECCOSORB VX-30-NRL with a height of 76.2 cm.

ECCOSORB VX-NRL is a black material. The surfaces are painted with a fire retardant light blue paint. On special order, other colours, such as white, can be made available, or the pieces can be left unpainted.

Instructions for use:

The absorber can be mounted on surfaces in various ways. The preferable ways are the use of our contact adhesive ECCOSTOCK 13111 or the use of Velcro fasteners or Z-bars. In case of Velcro fasteners the absorber panels are provided with Velcro on the back. In case of Z-bars the absorber panels are delivered glued to a supporting plate with hooks.

