

RF ABSORBERS Walkway Absorber

ETS-Lindgren's Extra High Performance Walkway Absorber is a special absorbent material that is compatible with anechoic chamber reflection requirements, yet provides a walking surface for personnel.



ETS-Lindgren's Extra High Performance Walkway Absorber is a special absorbent material that is compatible with anechoic chamber reflection requirements, yet provides a walking surface for personnel.

Low-density rigid polystyrene foam is used to encapsulate a standard pyramidal or wedge absorber. A thin sheet of semi-rigid polyvinyl chloride foam is adhered to the top to provide a walking surface, which is smooth and impervious to water, and dirt. The Walkway Absorber fabricated in this manner will support up to 90.7 kg per .3 meter (200 pounds per ft²) and is durable and easily maintained.

Reflections will occur at any foam surface, the magnitude of the reflection being dependent on the density of the material. The ETS-Lindgren walkway absorber utilizes the lowest possible foam density consie resin film, the highest temperature polymer available.

Key Features

- Compatible with Anechoic Chamber Reflection Requirements
- Smooth Walking Surface Impervious to

Water and Dirt

- Supports up to 90.7 kg per .3 meters (200 lb ft²)

Specifications

Electrical Specifications

Frequency Range by Model

Model	Frequency Minimum	Frequency Maximum
EHP-3WW	4 GHz	40 GHz
EHP-5WW	2 GHz	40 GHz
EHP-8WW	1 GHz	40 GHz
EHP-12WW	1 GHz	40 GHz
EHP-18WW	500 MHz	40 GHz
EHP-24WW	200 MHz	40 GHz
EHP-26WW	480 MHz	40 GHz

Physical Specifications

Dimensions by Model

Model	Absorber Height	Walkway Height
EHP-3WW	8.3 cm (3.27 in)	13.9 cm (5.47 in)
EHP-5WW	12.7 cm (5.00 in)	19 cm (7.48 in)
EHP-8WW	21.5 cm (8.46 in)	27.9 cm (10.98 in)
EHP-12WW	31.1 cm (12.24 in)	38.1 cm (15.00 in)
EHP-18WW	46.3 cm (18.23 in)	53.3 cm (20.98 in)
EHP-24WW	61 cm (24.02 in)	69.8 cm (27.48 in)
EHP-26WW	66 cm (25.98 in)	77.4 cm (30.47 in)