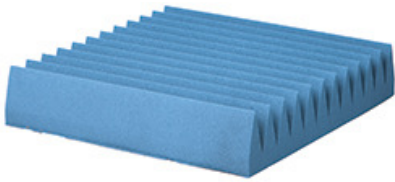


## RF ABSORBERS Wedge Absorber

ETS-Lindgren's Wedge Absorber effectively reduces reflections between 30 MHz and 100 GHz and its RF reflectivity levels are the same as its equivalent sized pyramid absorber. Wedge absorbers are used in areas of chambers where pyramid absorbers would provide too much backscatter under specific configurations.



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ETS-Lindgren guarantees its EHP absorbent material meets specified standards for material fire retardancy. Wedge absorber can also be provided in transitional parts from one size to another providing a continuous line in the absorber, i.e. a 12.7 cm (5 in) wedge to a 31.1 cm (12.3 in) wedge. These parts are typically 61 cm x 121.9 cm (2 ft x 4 ft) or 61 cm x 182.9 cm (2 ft x 6 ft) long and used in tapered or compact range chambers.

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### Key Features

- Numerically Optimized Design
- 200 V/m Power Handling Capability
- Fire Retardant

### Specifications

## Electrical Specifications

Frequency Range by Model

Model	Frequency Minimum	Frequency Maximum
EHP-3WGCL	4 GHz	40 GHz
EHP-5WGCL	2 GHz	40 GHz
EHP-8WGCL	1 GHz	40 GHz
EHP-12WGCL	1 GHz	40 GHz
EHP-18WGCL	500 MHz	40 GHz
EHP-24WGCL	200 MHz	40 GHz
EHP-36WGCL	80 MHz	40 GHz
EHP-48WGCL	80 MHz	40 GHz

## Physical Specifications

Dimensions by Model

Model	Absorber Height
EHP-3WGCL	8.3 cm (3.27 in)
EHP-5WGCL	12.7 cm (5.00 in)
EHP-8WGCL	21.5 cm (8.46 in)
EHP-12WGCL	31.1 cm (12.24 in)
EHP-18WGCL	46.3 cm (18.23 in)
EHP-24WGCL	61 cm (24.02 in)
EHP-36WGCL	91.4 cm (35.98 in)
EHP-48WGCL	121.9 cm (47.99 in)

## Product Charts

### Wedge Absorber Footprint Dimensions

**Note:** All Wedge Absorber models available in 4 footprint dimensions:

61 cm x 61 cm (24 in x 24 in)

61 cm x 121.9 cm (24 in x 48 in)

61 cm x 91.4 cm (24 in x 36 in)

61 cm x 182.9 cm (24 in x 72 in)

