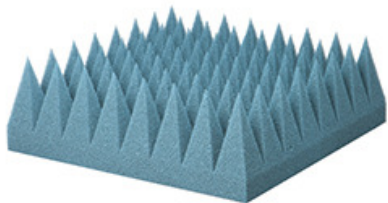


## FILTER FOAM FF Filter Foam Absorber

ETS-Lindgren's Filter Foam/Vent Absorber series microwave absorber is similar in appearance and geometry to conventional ETS-Lindgren pyramidal and wedge type materials, and is tested to the same rigid specifications.



ETS-Lindgren's Filter Foam/Vent Absorber series microwave absorber is similar in appearance and geometry to conventional ETS-Lindgren pyramidal and wedge type materials, and is tested to the same rigid specifications. Normal incidence and wide-angle performance guarantees are the same for conventional EHP series absorbers.

An added feature of Filter Foam/Vent Absorber is that it handles approximately 10 times more RF power than conventional absorbers. Additional information on power handling capability vs. forced airflow through the material can be supplied upon request.

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### Key Features

- Handles Approximately 10 Times More RF Power than Conventional Absorbers with
- Air Ventilation
- Graded Dielectric Material

### Specifications

## Electrical Specifications

Power Handling: 5.0 W/in<sup>2</sup>

### Frequency Range by Model

Model	Frequency Minimum	Frequency Maximum
FF-3PCL	4 GHz	40 GHz
FF-5PCL	2 GHz	40 GHz
FF-8PCL	1 GHz	40 GHz
FF-12PCL	1 GHz	40 GHz
FF-18PCL	500 MHz	40 GHz
FF-24PCL	200 MHz	40 GHz
FF-36PCL	4 GHz	40 GHz

### Max Reflections at Normal Incidence

	80 MHz	120 MHz	220 MHz	300 MHz	500 MHz	1-2 GHz	2-4 GHz	4-8 GHz	8-12 GHz	12-18 GHz	18-40 GHz
FF3PCL								-25 dB	-35 dB	-40 dB	-40 dB
FF5PCL							-25 dB	-35 dB	-40 dB	-45 dB	-45 dB
FF8PCL						-25 dB	-35 dB	-40 dB	-45 dB	-45 dB	-45 dB
FF12PCL						-30 dB	-35 dB	-40 dB	-45 dB	-45 dB	-45 dB
FF18PCL					-25 dB	-35 dB	-40 dB	-45 dB	-45 dB	-45 dB	-45 dB
FF24PCL			-15 dB	-25 dB	-30 dB	-35 dB	-45 dB	-45 dB	-45 dB	-45 dB	-45 dB
FF36PCL	-6 dB	-8 dB	-20 dB	-25 dB	-35 dB	-40 dB	-45 dB	-45 dB	-45 dB	-45 dB	-45 dB

## Physical Specifications

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### Frequency Range by Model

Model	Overall Height
FF-3PCL	7.6 cm (2.99 in)
FF-5PCL	12.7 cm (5.00 in)
FF-8PCL	21.6 cm (8.50 in)
FF-12PCL	31.1 cm (12.24 in)
FF-18PCL	46.4 cm (18.27 in)
FF-24PCL	61 cm (24.02 in)
FF-26PCL	66 cm (25.98 in)
FF-36PCL	91.4 cm (35.98 in)