

# Clean Room RF Absorbers

REP-36-CR

## SOLUTION FOR

- Class 10000/100000 Clean Rooms
- Satellite/ Space Vehicle Testing

## MAIN FEATURES

- Special Latex Sealer/Coating
- Low/Particulate Output

## PRODUCT CONFIGURATION

### Shape

- Pyramidal
- Convoluted
- Wedge
- Custom

### Frequency band

- From 125 MHz to 18 GHz

### Standard base size

- 2' x 2' (60.96 cm x 60.96 cm)

### Height

- Standard: 4" to 48" (10.2 cm to 121.9 cm)
- Custom sizes available up to 96" (243.8 cm)

### Operating conditions

- Temperature: 70°F +/-5° (21°C +/-3°)
- Relative Humidity: 50% RH +/- 10%

### Indoor/outdoor

- Indoor

### Treatment

- CR - Latex coating

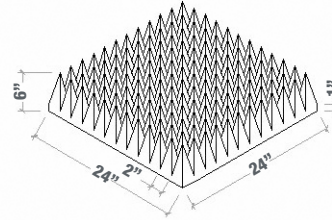
## + Description

**AEMI CR** Clean Room RF Absorbers have a clear latex coating that completely covers the absorber, including the bottom. They are treated for use in class 100,000 clean room environments. This treatment does not negatively affect the overall performance. These absorbers are used extensively in satellite assembly facilities as well as other aerospace applications. The coating does not affect the RF performance.

For class 10,000 clean room environment, the treatment does not affect negatively the overall performance. These absorbers are used extensively in satellite assembly facilities as well as other aerospace applications. Please refer to the "Rubberized Absorbers" datasheet below.

### ORDERING CODE

**AEP-XX CR** where XX designates absorber height in inches.  
**Add CR after any standard absorber to indicate clean room treatment/ i.e, AEP-18 CR**



AEP-6-CR mechanical drawing

## + Unique Manufacturing Process

After the standard manufacturing process, these materials undergo further treatment to remove any loose debris from the manufacturing process. The material is coated with a special latex binder.

