

Absorbers

AREPUHY-T

Hybrid Absorbers made of Polyurathane Foam and Ferrite Tiles

Features:

- Standard truncated shaped or untruncated, pyramidal polyethylene foam absorber.
- Certified to fire-retardancy (GB8624-B1, B2, DIN4102-B2, ISO11925-2, UL94) and environmental specifications.
- Modular Installation techniques are available using specific adhesive, velcro-fasteners or hanging type.
- Reach and RoHs Compliant, maintaining a healthy environment for operation.
- Installed Modularly with ferrites to gain outstanding broadband performance



Characteristics

| | |
|----------------------------------|--|
| Operating Temperature long time | -50°C~80°C |
| Operating Temperature short time | -40°C~70°C |
| Humidity Range | 40%~80% |
| Quality Control | ISO9001 |
| Product life | +15 years under controlled environment |

| Model | Number of Pyramids Typical Reflectivity (-dB) | | | | | | | | | | Power Capacity (kW/m2) |
|-------------|---|------|-----|-----|----|----|----|----|----|-----|------------------------|
| | 0.03 | 0.08 | 0.3 | 0.5 | 1 | 3 | 6 | 10 | 18 | | |
| ARFA-P200E | 11 | 21 | 15 | 17 | 11 | 10 | 11 | 13 | 15 | 1.5 | |
| ARFA-P300E | 11 | 21 | 16 | 17 | 11 | 13 | 15 | 20 | 20 | 1.5 | |
| ARFA-P500E | 12 | 21 | 17 | 19 | 17 | 17 | 20 | 25 | 25 | 1.5 | |
| ARFA-P700E | 14 | 23 | 20 | 20 | 18 | 20 | 25 | 25 | 30 | 1.5 | |
| ARFA-T300E | 11 | 20 | 17 | 18 | 15 | 13 | 17 | 22 | 25 | 1.5 | |
| ARFA-T500E | 13 | 23 | 20 | 20 | 16 | 18 | 22 | 25 | 28 | 1.5 | |
| ARFA-T700E | 15 | 25 | 21 | 20 | 20 | 20 | 25 | 28 | 30 | 1.5 | |
| ARFA-P1000E | 15 | 25 | 25 | 25 | 23 | 22 | 28 | 28 | 35 | 1.5 | |
| ARFA-T1000E | 17 | 25 | 25 | 25 | 25 | 30 | 30 | 35 | 40 | 1.5 | |

| Model | Base Size (mm) | Pyramids No. per piece | Size of per pyramid (mm) | Nominal weight (kg/m2) |
|--------------|----------------|------------------------|--------------------------|------------------------|
| ARPFA-P200E | 600×600 | 81 | 190×65×50 | 4.5 |
| ARPFA-P300E | 600×600 | 36 | 300×100×60 | 7.3 |
| ARPFA-P500E | 600×600 | 16 | 496×145×65 | 11.5 |
| ARPFA-P700E | 600×600 | 09 | 700×950×130 | 16.5 |
| ARPFA-T300E | 600×600 | 16 | 305×145×72 | 11 |
| ARPFA-T500E | 600×600 | 09 | 495×195×110 | 13 |
| ARPFA-T700E | 600×600 | 04 | 710×295×100 | 19 |
| ARPFA-P1000E | 300×300 | 01 | 1000×300×150 | 23 |
| ARPFA-T1000E | 300×300 | 01 | 1000×300×185 | 28 |