



- Wall-to-wall hanging system saves labor time
- Easy installation
- Baffles reduce noise and reverberation (echo)
- Applications include production areas, gymnasiums, natatoriums and more

Valueline Baffles

Product Information

Valueline Baffles help improve communication and reduce echo/reverberation in large open areas such as production plants, warehouses, gymnasiums and swimming pools.

Valueline Baffles absorb sound energy from multiple sources, reducing noise and reverberation throughout the environment. Made from foam, Valueline Baffles are Class 1 fire-rated for flame spread and smoke density. Resistant to fungus and microbial growth, they withstand the humid conditions of indoor swimming pools.

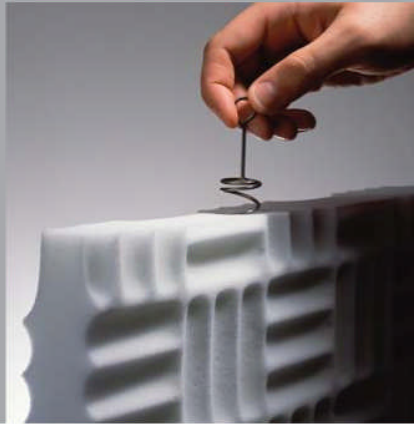
Valueline Baffles are field-fitted with stainless steel corkscrew hangers, making them easy to install over individual workstations or above an entire floor. Wall-to-wall cable installation is completed by sliding baffles into place from one side of the room, allowing activities to continue uninterrupted. Ceiling cable installation allows baffles to be arranged in box-like or crisscross patterns.

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Ceiling mount



Corkscrew hangers installed in the field



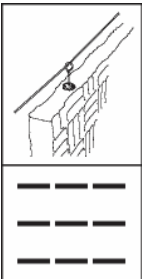
Wall-to-wall cable mount



Components

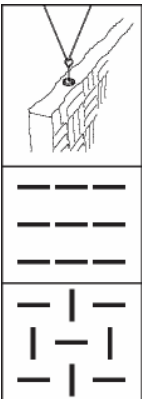
- Valueline Baffles (packaged 6 per box, 24" x 48" x 2")
- Stainless steel corkscrew hangers (2 per baffle; included in box)
- PVC spacer bars, each 12" wide (sold separately in increments of 100)
- Installation guide

Wall-to-Wall Cable Mount Installation



Recommended for large open areas where scaffolding would be disruptive, such as manufacturing floors or pools. Baffles are arranged parallel with each other.

Ceiling Mount Installation



Baffles hang from ceiling-mounted cables. Baffles can be aligned in the same direction or arranged so that every other baffle is turned 90 degrees. Tests show that baffles arranged in this crisscross pattern perform slightly better than baffles hung in the same direction.

Physical data—foam

| | |
|-------------------------------|--|
| Material | Open-cell melamine-based foam |
| Density | 0.5 to 0.7 lbs./cubic ft. (ASTM D3574-77) |
| Long-Term Service Temperature | 302° F |
| Fire Resistance | Class 1 per ASTM E 84 (all finishes) Meets UL 1715 |
| Flame Spread per ASTM E 84 | Natural: 5 Painted: 10 Hypalon®-coated: 25 |
| Smoke Density per ASTM E 84 | Natural: 50 Painted: 10 Hypalon-coated: 65 |
| Fungus Resistance | Rating 0 per ASTM G21 |
| Microbial Growth | Passes UL 181, section 11 |
| Finishes | Natural (white and light grey), painted or Hypalon-coated* |

*Minimum order of 20 boxes.

Sound Absorption
(In sabins) Test ASTM C423-90a

| Frequency (Hz) | 2" Thick Natural | 2" Thick Painted |
|---------------------------|------------------|------------------|
| 125 | 1.0 | 2.3 |
| 250 | 5.4 | 6.5 |
| 500 | 10.8 | 12.7 |
| 1K | 16.3 | 19.7 |
| 2K | 18.7 | 21.0 |
| 4K | 24.0 | 21.0 |
| Average sabins per baffle | 12.7 | 15.0 |

Other Products

- CONTOUR® Ceiling Tiles
 - HARMONI Ceiling Tiles
 - WHITELINE® Ceiling Tiles
 - SQUARELINE® Metal Ceiling Tiles
 - Wood Ceiling Tiles
 - Baffles and Panels
 - Clean Baffles, Panels and Ceiling Tiles
- ArtUSA offers a broad range of acoustical materials including:
- Fabric Wall Panels
 - PHONSTOP™ Ceiling and Wall Tiles
 - WHISPERWAVE™ Panels, Baffles, Ceiling Clouds and Awnings
 - Barriers, Foams and Composites
 - Viscoelastic Damping Compound
 - Ceiling Grid Systems