



Ultrafine Fiber Sound-Absorbing and Thermal Insulation Foam

This product is manufactured using advanced melt-blown technology, combining ultrafine fibers with diameters ranging from 1 to 4 microns and short fibers with diameters of 20 to 30 microns. Together, these fibers create an efficient non-woven fabric structure. The fine microfiber structure effectively absorbs various types of noise, such as wind noise and resonance, significantly enhancing soundproofing effects. The large-volume structure on the microfiber surface converts sound wave energy into thermal energy, achieving efficient sound attenuation. This sound-absorbing Foam is lightweight and possesses excellent sound absorption and thermal insulation properties, making it an ideal material for creating quiet environments.

Specifications

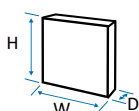
Material: Polypropylene (PP)
Thickness: 6.5 mm
Basis Weight: 250 g/m²
Fire Retardancy Standard: UL94HF-1
Max Temperature: 120°C
Thermal Conductivity: 0.0358 W/m·K
Media: White ultrafine fiber (cover material 15 g/m²)
Function: Sound Absorption and Thermal Insulation

Advantages

- ✓ Advanced ultrafine fiber sound-absorbing technology
- ✓ Effectively absorbs various types of noise
- ✓ Lightweight design for easy installation and use
- ✓ Exceptional soundproofing and thermal insulation properties

Applications

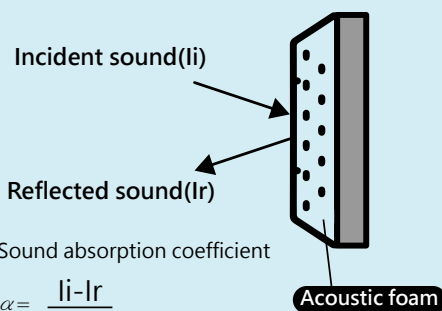
- Noise control in residential and commercial spaces
- Sound isolation for machinery and equipment
- Noise reduction for vehicles and ships



Special Size Customized

What is the sound absorption coefficient?

At a specific frequency, the ratio of the power of sound energy absorbed by the material.



Sound Absorption Performance of Ultrafine Fiber Sound Absorbing Foam: 200g/m² t=6.5mm

