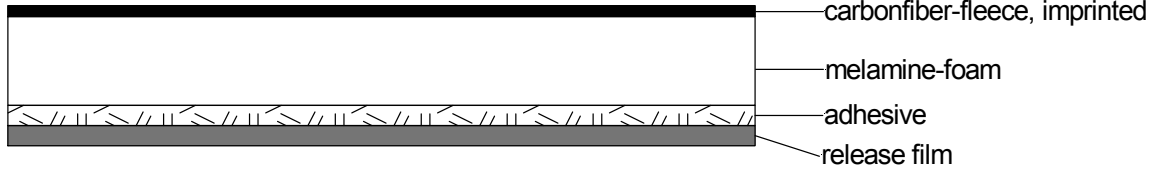


Technical Data Sheet

M 2044



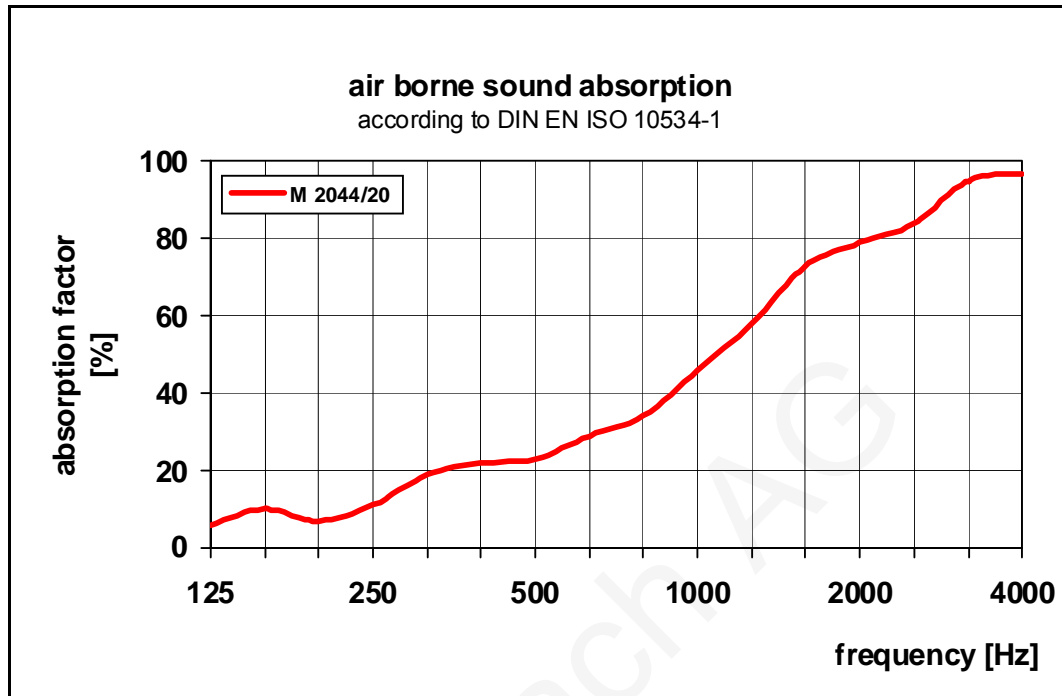
M 2044 is a grey foam based on melamine-resins lined with an black carbon fiber fleece equipped with a lozenge imprinting. Self adhesive equipment with a high-quality adhesive system based on acrylate.

Technical Data			
Type (M 2044/...)		10	20
Thickness (approximate)	[mm]	10.0	20.0
Weight (approximate)	[kg/m ²]	0.31	0.8
Thermal Stability- Long Term	[°C]	150	
Cold Resilience	[°C]	- 40 °C (bonded)	
Heat Conductivity DIN 52612	[W/mK]	0.033	
Burning Behavior DIN 75 200/ FMVSS 302		combustion value < 100 mm/min	
Burning Behavior DIN 5510-2		flammability class S 4 smoke emission class SR 2 dripping behavior class ST 2 FED ≤ 1 fulfilled (toxicity)	

- Main Function:** Air borne sound absorption (sound absorption) and heat isolation
- Applications:** Mechanical engineering, vehicle construction, construction machinery, air conditioning, rail vehicle industries etc.
- Processing:** The surface must be carefully cleaned from dust, grease, oil and water. Full area adhesion has to be insured. The adhesion strength is directly dependent from the processing pressure. The material has to be pressed in firmly, e.g. using a feed roll.
 Processing temperature: 18 - 25 °C
- Storage conditions:** Dry at temperatures between 18 - 35 °C
 Max. storage time: 6 months
- Delivery Forms:** Standard boards 1000 x 1250 mm, other sizes and cut-to-size pieces upon request

Technical Data Sheet

M 2044



The technical data (average values) as well as material information are based on our present knowledge and experiences. They free the user because of the fullness of possible influences by the application of our products, however, not from own tests and attempts in the approach of the real application. Because of the peculiarities of every individual case we can take over no liability for our indications. On request we are available gladly with information.