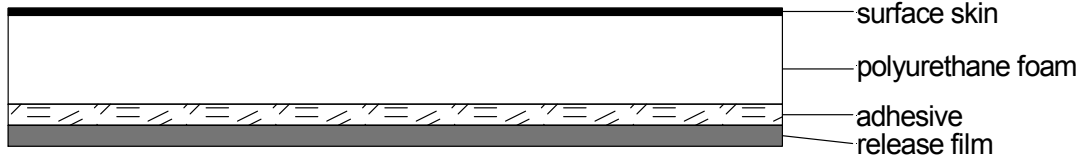


Technical Data Sheet

Polyurethane-Foam Micro



Polyurethane-foam Micro is an open-cello polyurethane-foam (polyether), surface skin developing with a mechanical resistant, micro-porous, black polyurethane-foil. Self adhesive equipment with a high-quality adhesive system based on acrylate.

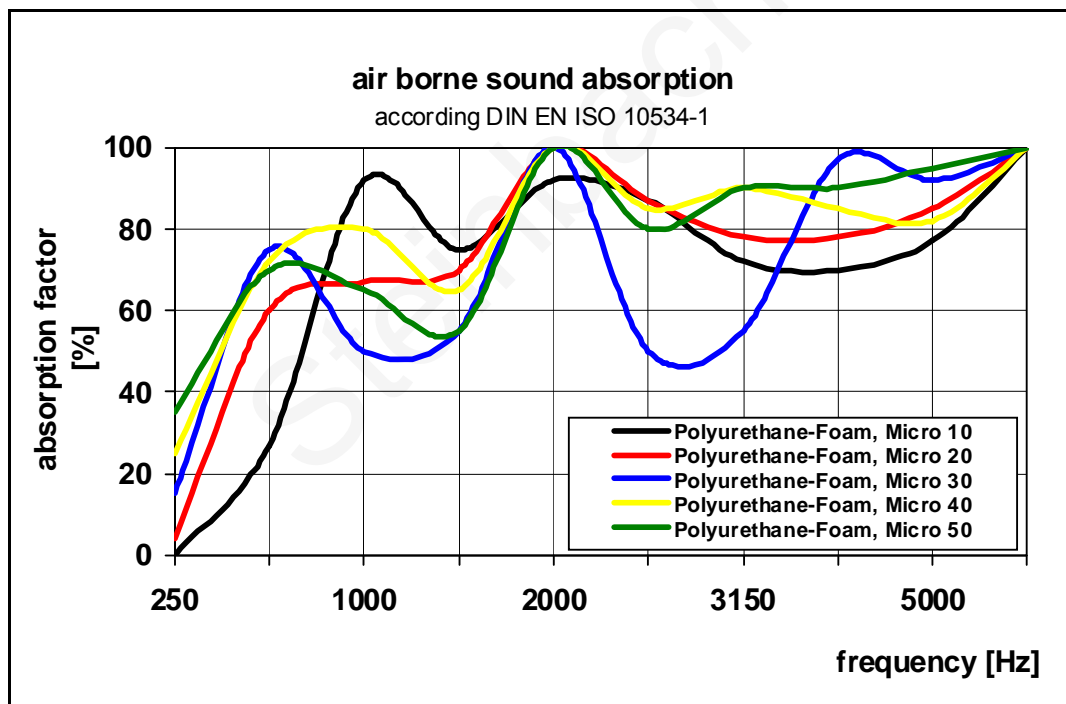
Technical Data				
Type Polyurethane-Foam Micro		10	20	30
Thickness (approximate)	[mm]	10.0	20.0	30.0
Density (approximate)	[kg/m ³]	25.0 ± 3.0		
Thermal Stability Long Term	[°C]	120		
Cold Resilience	[°C]	- 40 (bonded)		
Compression Load Deflection 40 %	[kPa]	3.5 ± 0.5		
Tensile strength	[kPa]	≥ 110		
Elongation at break	[%]	≥ 130		
Heat Conductivity	[W/mK]	0.033		
Burning Behavior DIN 75 200/ FMVSS 302		combustion value < 100 mm/min		

Technical Data			
Type Polyurethane-Foam Micro		40	50
Thickness (approximate)	[mm]	40.0	50.0
Density (approximate)	[kg/m ³]	25.0 ± 3.0	
Thermal Stability Long Term	[°C]	120	
Cold Resilience	[°C]	- 40 (bonded)	
Compression Load Deflection 40 %	[kPa]	3.5 ± 0.5	
Tensile strength	[kPa]	≥ 110	
Elongation at break	[%]	≥ 130	
Heat Conductivity	[W/mK]	0.033	
Burning Behavior DIN 75 200/ FMVSS 302		combustion value < 100 mm/min	

Technical Data Sheet

Polyurethane-Foam Micro

- Main function:** Air borne sound absorption (sound absorption)
- Applications:** Mechanical engineering, vehicle construction, construction machinery, sound hoods, vehicle cabs, 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
- Special Feature:** The surface is resistant against penetration and quelling by water, oil, gasoline and gasoil
- Storage conditions:** Dry at temperatures between 18 - 35 °C
Max. storage time: 6 months
- Delivery Forms:** Standard boards 1000 x 2000 mm, 1550 mm wide rolls, other sizes and cut-to-size pieces upon request



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.