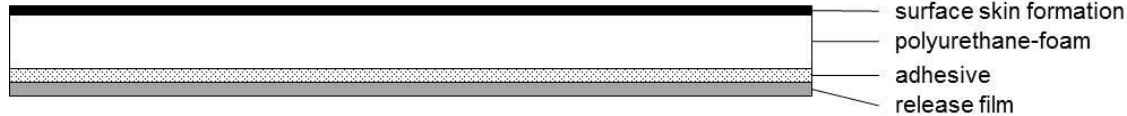


Technical Data Sheet

PU-foam classic



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

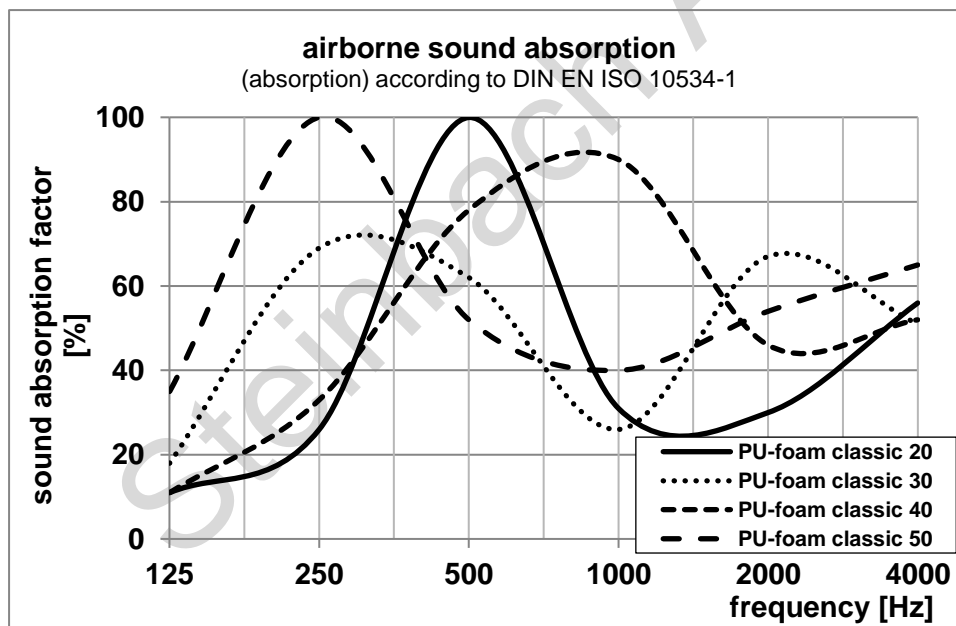
Technical Data					
Type (PU-foam classic ...)		10	15	20	25
Thickness (approximate)	[mm]	10.0	15.0	20.0	25.0
Weight (approximate)	[kg/m ²]	0.35 ± 0.04	0.5 ± 0.05	0.61 ± 0.06	0.74 ± 0.08
Density (approximate)	[kg/m ³]	23 - 28			
Thermal stability	[°C]	110			
Cold resilience	[°C]	-40			
Compressive stress ISO 3386-1 at 40%	[kPa]	3.1 - 3.8			
Tensile strength ISO 1798	[kPa]	> 110			
Elongation at break ISO 1798	[%]	> 130			
Compression set ISO 1856 at 50%	[%]	< 7			
Combustibility FMVSS 302 DIN 75200	[mm/min]	burn rate < 100			

Technical Data				
Type (PU-foam classic ...)		30	40	50
Thickness (approximate)	[mm]	30.0	40.0	50.0
Weight (approximate)	[kg/m ²]	0.87 ± 0.09	1.12 ± 0.11	1.38 ± 0.14
Density (approximate)	[kg/m ³]	23 - 28		
Thermal stability	[°C]	110		
Cold resilience	[°C]	-40		
Compressive stress ISO 3386-1 at 40%	[kPa]	3.1 - 3.8		
Tensile strength ISO 1798	[kPa]	> 110		
Elongation at break ISO 1798	[%]	> 130		
Compression set ISO 1856 at 50%	[%]	< 7		
Combustibility FMVSS 302 DIN 75200	[mm/min]	burn rate < 100		

Technical Data Sheet

PU-foam classic

- Main function:** Airborne sound absorption (sound absorption)
- Applications:** Sound insulation cabins, vehicle cabs, mechanical engineering 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 - 25 °C
Max storage time: 6 months
- Delivery forms:** Rolls, standard boards 2,000 x 1,000 mm untrimmed, other sizes or 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.