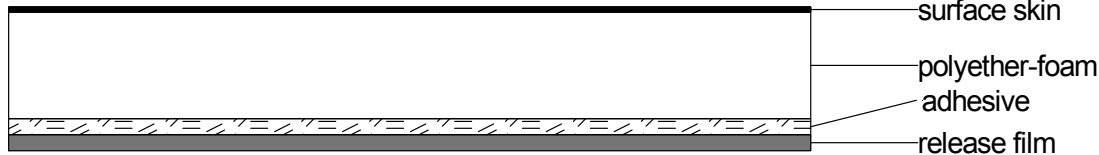


Technical Data Sheet

Polyurethane-UL-foam, surface with polyurethane



Polyurethane-UL-foam, surface with polyurethane is a open-cell polyurethane-foam (polyether), surface skin developing with a mechanical resistant, black polyurethane-foil. The foam fulfills the burning test norm UL-94 and is therefore especially useful for applications in electric and electronic devices. Self adhesive equipment with a high-quality adhesive system based on arcylate.

Technical Data			
Type Polyurethane-UL-foam		30	50
Thickness (approximate)	[mm]	30.0	50.0
Density (approximate)	[kg/m ³]	30.0 ± 3.0	
Thermal Stability Long Term	[°C]	100	
Cold Resilience	[°C]	- 40 °C (bonded)	
Compression Load Deflection 40 %	[kPa]	4.5 ± 0.8	
Tensile Strength	[kPa]	≥ 100	
Elongation at Break	[%]	≥ 120	
Heat Conductivity	[W/mK]	0.041	
Burning Behavior UL 94		HF 1	
Burning Behavior DIN 4102		B 2	
Burning Behavior DIN 75 200/ FMVSS 302		combustion value < 100 mm/min	

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

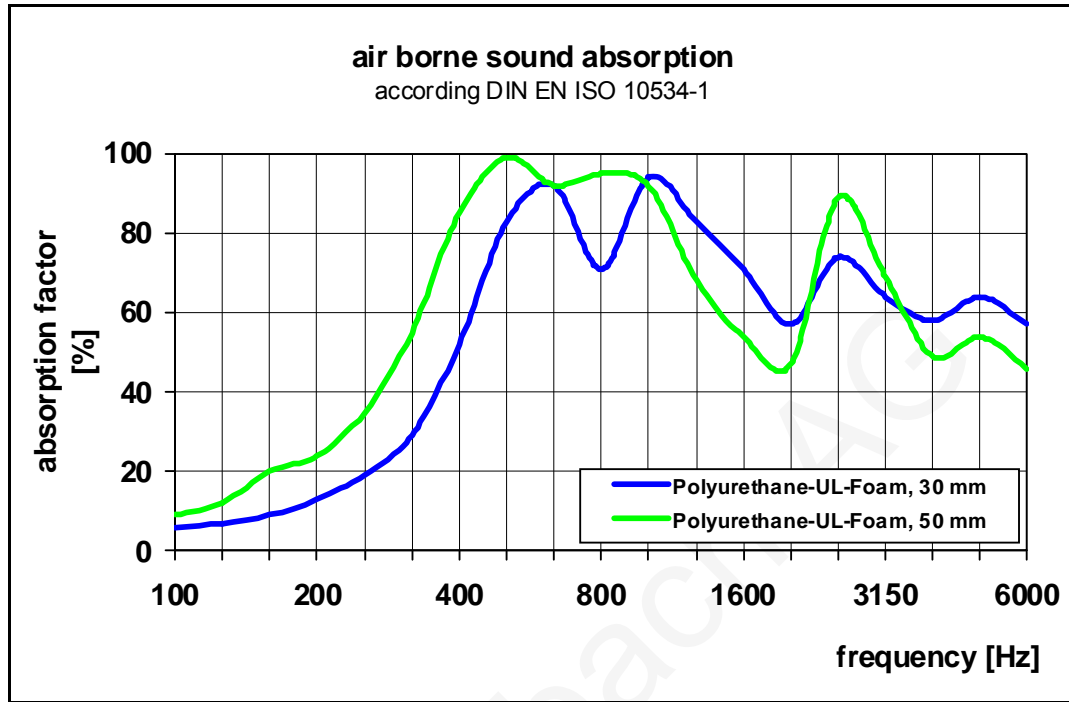
Special Feature: The surface is resistant against penetration and quelling by water, oil, gasoline and gasoil

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

Technical Data Sheet

Polyurethane-UL-foam, surface with polyurethane



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.