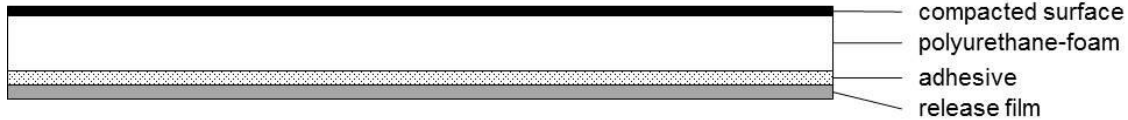


## Technical Data Sheet

## M 2097



M 2097 is a polyurethane-foam (polyester), the surface is compacted and stamped with a lozenge imprinting. Self-adhesive equipment with an increase humidity resistant adhesive system based on acrylate.

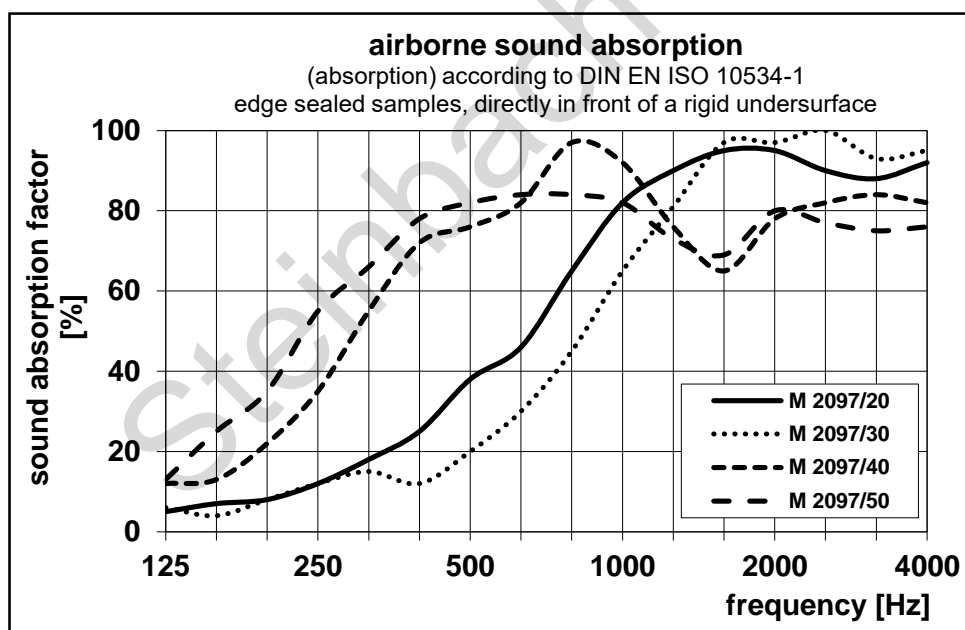
Technical Data			
Type (M 2097/...)		20	30
Thickness (approximate)	[mm]	20.0	30.0
Weight (approximate)	[kg/m <sup>2</sup> ]	0.61 ± 0.06	0.91 ± 0.09
Thermal stability 24h	[°C]	100	
Cold resilience	[°C]	- 40 (no break)	
Heat conductivity ISO 8301	[W/mK]	0.04	
Peel resistance	[N/mm]	> 0.3	
Combustibility FMVSS 302	[mm/min]	burn rate < 100	

Technical Data				
Type (M 2097/...)		40	50	60
Thickness (approximate)	[mm]	40.0	50.0	60.0
Weight (approximate)	[kg/m <sup>2</sup> ]	1.2 ± 0.12	1.52 ± 0.15	1.82 ± 0.18
Thermal stability 24h	[°C]	100		
Cold resilience	[°C]	- 40 (no break)		
Heat conductivity ISO 8301	[W/mK]	0.04		
Peel resistance	[N/mm]	> 0.3		
Combustibility FMVSS 302	[mm/min]	burn rate < 100		

## Technical Data Sheet

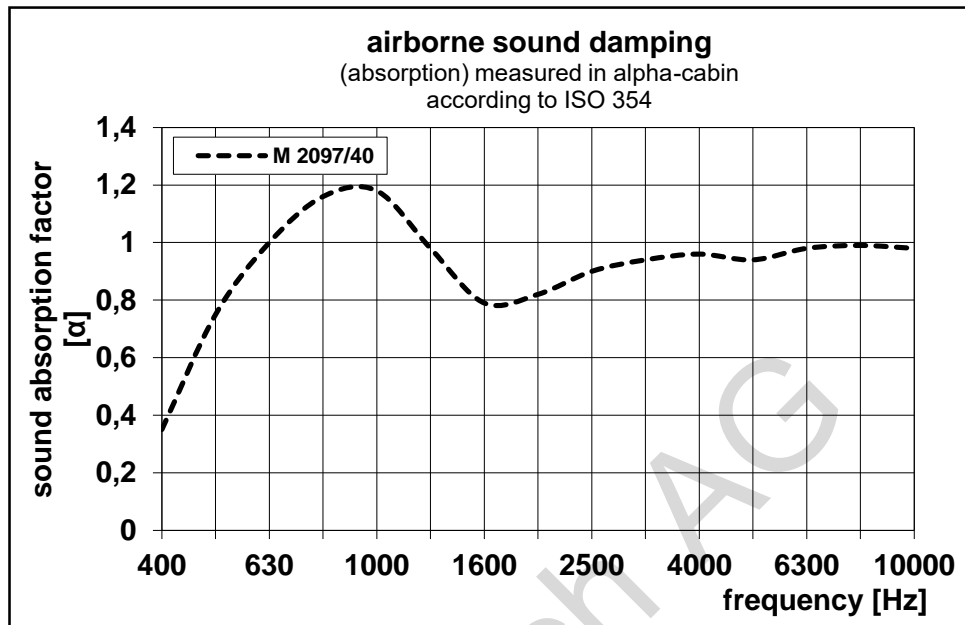
## M 2097

- Main function:** Airborne sound absorption (absorption)
- Applications:** Sound insulating cabins, vehicle cabs, mechanical engineering, nacelle lining (wind energy converter), 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.  
With the installation about head an additional mechanical attachment is necessary.  
Processing temperature: 18 - 25 °C
- Storage conditions:** Dry at temperatures between 18 - 25 °C  
Max. storage time: 6 months
- Delivery forms:** Rolls, available 1,000 mm wide,  
other sizes and pieces cut-to-size upon request.



## Technical Data Sheet

## M 2097



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.