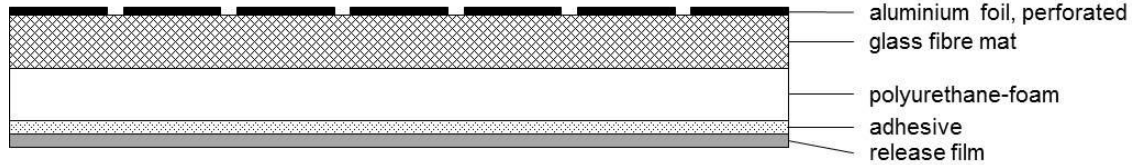


Technical Data Sheet

M 1765



M 1765 is a glass fibre mat lined with a perforated aluminium foil (thickness approx. 0.09 mm, hole diameter approx. 1.5 mm, hole portion approx. 7%), laminated on a polyurethane-foam (polyether).
 Self-adhesive equipment with a high-quality adhesive system based on acrylate.

Technical Data			
Type (M 1765/...)		3-15	3-20
Thickness (approximate)	[mm]	18.0	23.0
Thickness glass fibre mat (approximate)	[mm]	3.0	3.0
Weight (approximate)	[kg/m ²]	1.8 ± 0.3	1.9 ± 0.3
Thermal stability 24h	[°C]	100	
Radiation heat on aluminium	[°C]	< 250	
Cold resilience	[°C]	- 40 (bonded)	
Peel resistance	[N/mm]	> 0.5 > 0.3	(glass fibre mat) (foam)
Heat conductivity	[W/mK]	0.035 0.038	(glass fibre mat) (foam)
Combustibility FMVSS 302	[mm/min]	burn rate < 100	

Technical Data			
Type (M 1765/...)		3-30	3-50
Thickness (approximate)	[mm]	ca. 33,0	53.0
Thickness glass fibre mat (approximate)	[mm]	3.0	3.0
Weight (approximate)	[kg/m ²]	2.2 ± 0.3	2.9 ± 0.4
Thermal stability 24h	[°C]	100	
Radiation heat on aluminium	[°C]	< 250	
Cold resilience	[°C]	- 40 (bonded)	
Peel resistance	[N/mm]	> 0.5 > 0.3	(glass fibre mat) (foam)
Heat conductivity	[W/mK]	0.035 0.038	(glass fibre mat) (foam)
Combustibility FMVSS 302	[mm/min]	burn rate < 100	

Technical Data Sheet

M 1765

Technical Data				
Type (M 1765/...)		7-15	7-30	7-35
Thickness (approximate)	[mm]	22.0	37.0	42.0
Thickness glass fibre mat (approximate)	[mm]	7.0		
Weight (approximate)	[kg/m ²]	2.6 ± 0.3	3.0 ± 0.35	3.2 ± 0.4
Thermal stability 24h	[°C]	100		
Radiation heat on aluminium	[°C]	< 250		
Cold resilience	[°C]	- 40 (bonded)		
Peel resistance	[N/mm]	> 0.5 > 0.3	(glass fibre mat) (foam)	
Heat conductivity	[W/mK]	0.035 0.038	(glass fibre mat) (foam)	
Combustibility FMVSS 302 DIN 75200	[mm/min]	burn rate < 100		

Main function: Airborne sound absorption (absorption) and heat insulation

Applications: Mechanical engineering, plant construction, sound insulating cabins, heating construction etc.

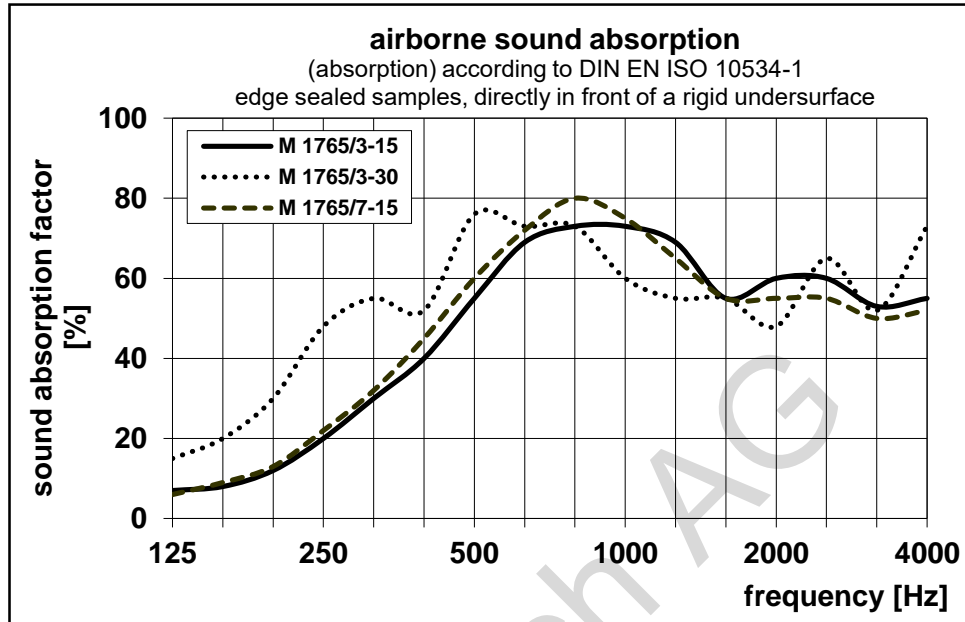
Processing: The surface must be carefully cleaned from dust, grease, oil and water. Full area adhesion has to be insured. The adhesion strength is directly dependent from the processing pressure. The material has to be pressed in firmly, e.g. using a feed roll.
 Processing temperature: 18 - 25 °C

Storage conditions: Dry at temperatures between 18 - 25 °C
 Max storage time: 6 months

Delivery forms: Standard boards approx. 1,000 x 1,600 mm untrimmed, other sizes and cut-to-size pieces upon request.

Technical Data Sheet

M 1765



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.