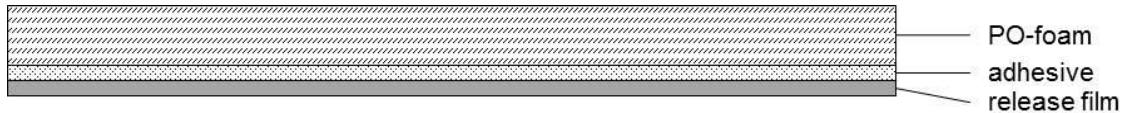


Technical Data Sheet

S 3508



S 3508 is a flexible closed-cell polyolefin foam (PO).
 Self-adhesive equipment with a high-quality and moisture-resistant adhesive system based on modified acrylate.

Technical Data				
Type (S 3508/...)		6	10	15
Thickness (approximate)	[mm]	6.0 ± 0.5	10.0 ± 0.6	15.0 ± 0.9
Weight (approximate)	[kg/m ²]	0.49 ± 0.02	0.6 ± 0.04	0.74 ± 0.06
Thermal stability	[°C]	100		
Cold resilience	[°C]	-80		
Heat conductivity ISO 8301 (at 23 °C)	[W/mk]	0,038		
Tensile strength ISO 1926	[kPa]	lengthwise: 260 crosswise: 200	lengthwise: 300 crosswise: 260	lengthwise: 290 crosswise: 240
Elongation at break ISO 1926	[%]	lengthwise/ crosswise: 110	lengthwise/ crosswise: 120	lengthwise/ crosswise: 110
Compression resistance ISO 3386-1 (at 50% compression)	[kPa]	110	120	110
Deformation by compression ISO 1856-C	[%]	n/a	(25% compression) ½ h according to release: 14 24 h according to release: 8.7	(50% compression) ½ h according to release: 30 24 h according to release: 23.8
Water absorption ISO 2896	[Vol. %]	< 1		
Combustibility ISO 3795 (corresponds to FMVSS 302 and DIN 75200)	[mm/min]	burn rate < 100		

Technical Data Sheet

S 3508

Technical Data			
Type (S 3508/...)		20	25
Thickness (approximate)	[mm]	20.0 ± 1.2	25.0 ± 1.5
Weight (approximate)	[kg/m ²]	0.88 ± 0.08	1.02 ± 0.1
Thermal stability	[°C]	100	
Cold resilience	[°C]	-80	
Heat conductivity ISO 8301 (at 23 °C)	[W/mk]	0,038	
Tensile strength ISO 1926	[kPa]	n/a	n/a
Elongation at break ISO 1926	[%]	lengthwise/crosswise: 120	lengthwise/crosswise: 120
Compression resistance ISO 3386-1 (at 50% compression)	[kPa]	120	120
Deformation by compression ISO 1856-C	[%]	n/a	n/a
Water absorption ISO 2896	[Vol. %]	< 1	
Combustibility ISO 3795 (corresponds to FMVSS 302 and DIN 75200)	[mm/min]	burn rate < 100	

Main function: Heat insulation

Applications: Mechanical engineering, plant engineering, vehicle cabs, impact protection

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 2,000 x 1,290 mm untrimmed,
 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.