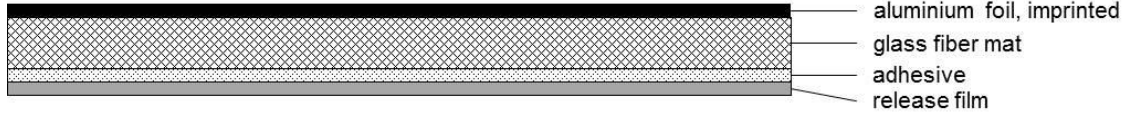


# Technical Data Sheet

# S 3510



S 3510 is a glass fiber mat interwoven with a glass filament yarn, laminated with an imprinted aluminium foil (thickness approx. 100 µm). Self-adhesive equipment with a high-quality adhesive system based on acrylate.

Technical Data			
Type (S 3510/...)		7	12
Thickness (approximate)	[mm]	7.0 ± 2.0	12.0 ± 2.0
Weight (approximate)	[kg/m <sup>2</sup> ]	1.6 ± 0.5	2.9 ± 0.5
Thermal decomposition adhesive (under aluminium foil)	[°C]	300 *	
Thermal stability glass fiber mat	[°C]	max 500	
Cold resilience	[°C]	- 40 (bonded)	
Heat transfer resistance	[m <sup>2</sup> K/W]	0.2	0.35
Combustibility FMVSS 302 DIN 75200		DNI (bonded)	

\* From 180 °C additional mechanical attachment is recommended.

**Main function:** Heat insulation

**Applications:** In the engine compartments, exhaust area, catalytic converters etc. especially in compound with the behaviour of radiation heat

**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, 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.