

Technical Data Sheet

S 3502



S 3502 is a soft-annealed aluminum foil, designed as adhesive tape in rolls.
 Self-adhesive equipment with a heat-resistant special adhesive system based on acrylate.

Technical Data				
Roll width	[mm]	30	50	100
Roll length	[m]	50		
Thickness aluminum foil (approximate)	[mm]	0.05		
Total thickness (without separating layer)	[mm]	0.10		
Tensile strength	[N/25 mm]	≥ 60		
Elongation at break	[%]	2-3		
Adhesion	[N/25 mm]	≥ 15		
Thermal stability long term	[°C]	140		
Thermal stability short term	[°C]	180		
Cold resilience	[°C]	- 40		
Combustibility		non-inflammable - class A2		

Main function: Taping and wrapping aluminum coated insulation mats, especially where high temperatures and shear force reacting

Applications: Thermal and cold insulation in heating, ventilation and air conditioning technology, sealing and coating of pipes, heating and fresh air ducts, sealing during welding under inert gas 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: at room temperature > 5 °C

Storage conditions: Dry at temperatures between 18 - 25 °C, protect against UV exposure
 Max storage time: unlimited

Delivery forms: Rolls

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