

Technical Data Sheet

S 3500a



polyethylene foam

S 3500a is a polyethylene-foam.

Technical Data			
Type		S 3500a/10	S 3500a/20
Thickness (approximate)	[mm]	10.0	20.0
Weight (approximate)	[kg/m ²]	0.3	0.6
Thermal Stability Long Term	[°C]	90 (dry)	
Cold Resilience	[°C]	- 50 °C	
Heat Conductivity DIN 52616	[W/mK]	0.034	
Compressive Stress ISO 844	[kPa]	36 (10 % deformation)	
Water Absorption (7 days)	[Vol. %]	< 1	
Burning Behavior DIN 75 200/ FMVSS 302		combustion value < 100 mm/min	
Burning Behavior DIN 5510-2		flammability class S 4 smoke emission class SR 2 dripping behavior class ST 2 FED ≤ 1 fulfilled (toxicity)	

Main Function: Heat isolation

Applications: Mechanical engineering, plant construction, vehicle cabs, impact protection, etc.

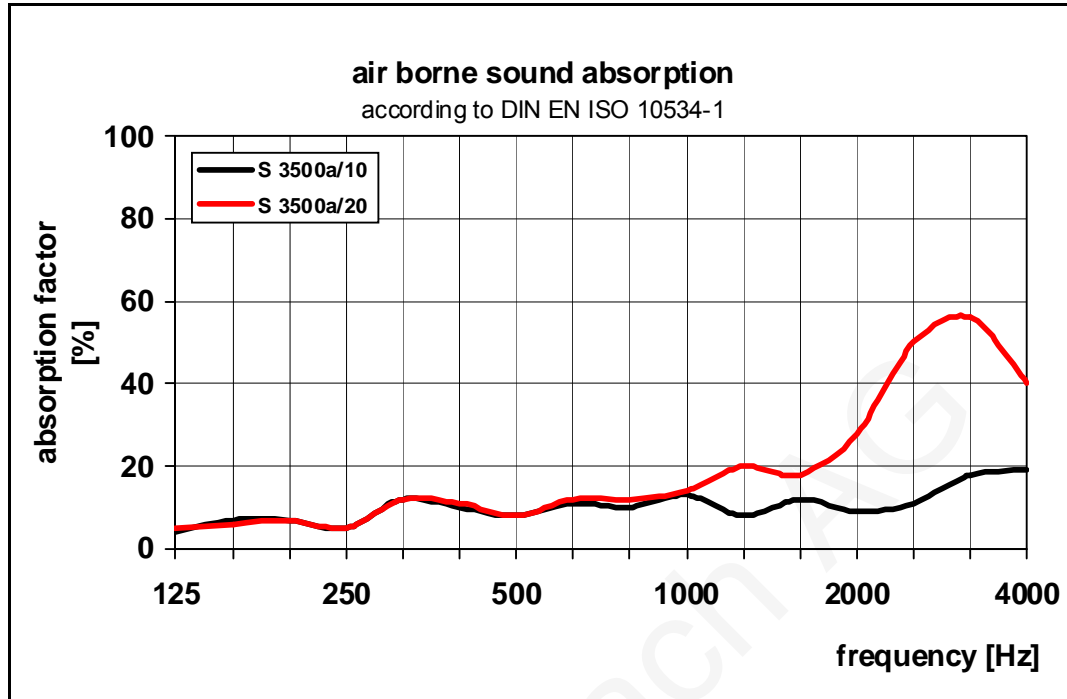
Processing: Mechanical fastening
 Processing temperature: 18 - 25 °C

Storage conditions: Dry at temperatures between 18 - 35 °C
 Max. storage time: 6 months

Delivery Forms: Standard boards 1000 x 1600 mm, other sizes and cut-to-size pieces upon request

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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.