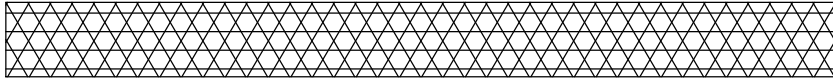


## technical data sheet

## Glass Fleece/-a



glass fleece

Glass Fleece/ -a concerns of a mechanically solidified needle fleece material out of e-glass according to DIN 1259.

Technical Data				
Type (Glass Fleece...)		1000a	1500a	2000a
Thickness (approximate)	[mm]	7.0	9.0	12.0
Weight (approximate)	[kg/m <sup>2</sup> ]	1.0	1.5	2.0
Density (approximate)	[kg/m <sup>3</sup> ]	150.0	170.0	
Thermal Stability Long Term	[°C]	500		
Thermal Stability Short Term	[°C]	600		
Heat Conductivity	[W/mK]	0.042 (at 100 °C) 0.102 (at 500 °C)		
Vibration Behavior		Resilient		
Physiology		Not Dangerous		
Toxicology		Not Dangerous		
Diameter of Fibers	[µm]	> 6		
Burning Behavior		Non-inflammable		

Technical Data			
Type (Glass Fleece...)		3000a	4500a
Thickness (approximate)	[mm]	20.0	25.0
Weight (approximate)	[kg/m <sup>2</sup> ]	3.4	4.5
Density (approximate)	[kg/m <sup>3</sup> ]	170.0	180.0
Thermal Stability Long Term	[°C]	500	
Thermal Stability Short Term	[°C]	600	
Heat Conductivity	[W/mK]	0.042 (at 100 °C) 0.102 (at 500 °C)	
Vibration Behavior		Resilient	
Physiology		Not Dangerous	
Toxicology		Not Dangerous	
Diameter of Fibers	[µm]	> 6	
Burning Behavior		Non-inflammable	

**Main Function:** Heat isolation, sound absorption

## technical data sheet

## Glass Fleece/-a

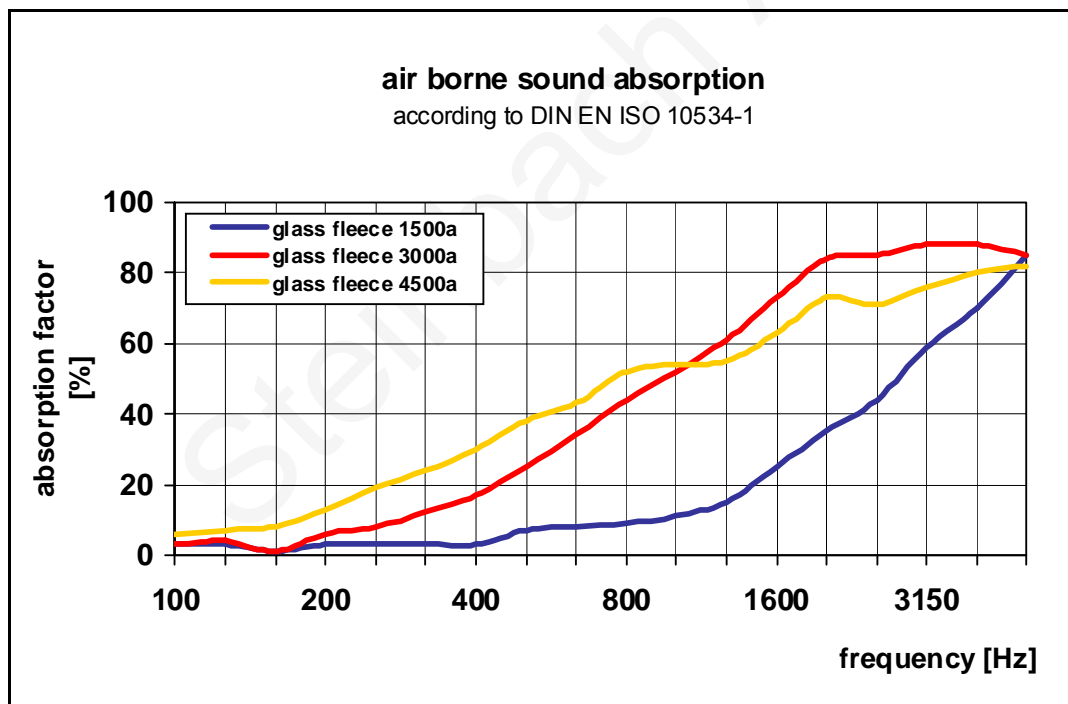
**Applications:** Heaters, furnaces, foundry devices, exhaust systems, catalysts etc.

**Processing:** Mechanical attachment  
Cut with shears, knives etc.  
Processing temperature: 18 - 25 °C

**Options:** Self adhesive for installation,  
Lining with foils of aluminum or high-grade steel,  
other thicknesses and grades upon request

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

**Delivery Form:** Rolls, roll length 10 Im. or water jet cutting



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.