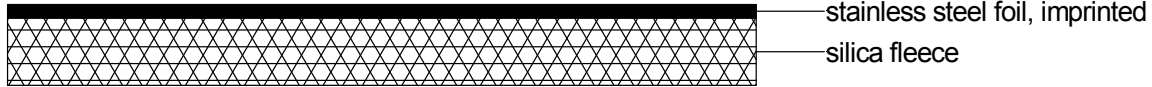


## Technical Data Sheet

## Silica Fleece 6/160a-VA50



Silica Fleece 6/160a-VA50 is a mechanically solidified needle fleece material based on silica fibers laminated with a foil from stainless steel (thickness approx. 50 µm).

Technical data		
Thickness (approximate)	[mm]	6.0 ± 1.0
Weight (approximate)	[kg/m <sup>2</sup> ]	1.0
Thermal Stability Long Term	[°C]	1000
Cold Resilience	[°C]	- 40
Heat Conductivity DIN 52 612	[W/mK]	0.05 (at 200 °C) 0.30 (at 1000 °C)
Vibration Behavior		Resilient
Burning Behavior		Non-inflammable

**Main Function:** Heat isolation, flame barrier

**Applications:** Motor compartment, exhaust systems, catalytic converters etc.

**Processing:** Mechanical attachment  
or gluing with specialized adhesive  
Processing temperature: 18 - 25 °C

**Options:** Self adhesive for installation,  
free of binding agent needling with silica fabric  
non lining or aluminum foil lining,  
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 lm. 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.