

Technical Data Sheet

PSH-T stitch-bonded glass-fiber nonwovens

Thermal- and acoustic insulation



PSH-T stitch-bonded glass-fiber nonwoven fabric is a multi-layer web stitch-bonded by franse or tricot weave. PSH-T stitch-bonded nonwovens are intended for thermal insulation.

Typical application: insulation of piping and equipment at a temperature ranging from -200°C to +550°C, indoors, in the open air, in channels, and in duct lines, as well as in

individual construction for thermal and acoustic insulation of walls, ceilings, floors, doors, roofs and intermediate ceilings.

Physical and mechanical properties

Property	Unit	PSH-T
Mass per unit area	g/m ²	450±135
Thickness	mm	1.3-4.0
Thermal conductivity at a temperature of (25±5)°C, not more than	W/(m°K)	0.05
Standard roll size		
width	cm	160
length	m	≥15

Manufacture of the material with other physical and mechanical properties is accepted upon agreeing about with a consumer.

Advantages:

- ✓ Possibility of reducing weight of an intermediate ceiling and thickness of walls.
- ✓ The material is non-toxic, non-flammable, explosion-proof.
- ✓ Web can be cut to right size.

Regulatory documents:

- Technical specification TU 6-48-97-93

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