

## Technical Data Sheet

### IPS-T needle-punched glass fabrics

Thermal- and acoustic insulation



**IPS-T needle-punched glass fabric** is an airlaid glass web, with its fibres entangled by multiple needle punching.

**Typical application:** insulation of piping and equipment at a temperature ranging from -200°C to +550°C and other thermoinsulating purposes.

#### Physical and mechanical properties

Property	Unit	IPS-T
Mass per unit area	g/m <sup>2</sup>	1000±200
Thickness	mm	4.0-8.0
Thermal conductivity at a temperature of (25±5)°C, not more than	W/(m°K)	0.041
<b>Standard roll size</b>		
width	cm	1170±16
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 6-48-135-97

STEKLONIT JSC Tramvaynaya 15, Ufa, 450027. Tel.: +7 347 293-76-00

Moscow office Profsoyuznaya 23, Moscow, 117997. Tel.: 8 800 500 07 22.

Tverstekloplastik, a branch of STEKLONIT JSC Pashi Savelievoj 45, Tver, 170039.

Tel.: +7 482 255-35-52

Web-site: [www.steklonit.com](http://www.steklonit.com), e-mail: [info@steklonit.com](mailto:info@steklonit.com)