

PYROGLASS IPST GLASS FELT

TECHNICAL DATA SHEET

Rev.02 – 01/02/2016



DESCRIPTION:

PYROGLASS is an extremely compact insulating felt, produced by means mechanic needle-punching with E-glass yarn.

The production process assures an extremely homogenous material as for both density and thickness. Thanks to its high density, it achieves better results in thermal insulation than standard glass fibers or ceramic fiber mats, in particular at medium temperatures. At the same time, it maintains high flexibility characteristics.

BENEFITS:

- Excellent insulating power
- High temperature resistance
- Extremely flexible and compact
- Excellent absorbing power
- Very workable
- Totally non-flammable
- Ceramic fiber- and asbestos-free
- Resistance to vibrations
- Excellent resistance to chemical agents
- **Also available with aluminum foil one side and adhesive on the other side**
- **Also available as a panel in a barrier film under vacuum**

TECHNICAL SPECIFICATIONS:

Color			white
Classification temperature		°C	550
Flame behavior			Non-flammable
Thermal conductivity at medium temp.	100	°C	0.033
	200		0.039
	300		0.054
	400		0.065
Rolls width		mm	1000
Available thickness		mm	6 – 10 – 12 – 25
Weight		Kg/m ³	130-160-180