

TEKFIBER BOARDS

Tekfiber Papers are ceramic fiber papers made from high purity ceramic fibers, organic and inorganic binders for excellent flexibility, strength and insulation specifications.

Due to the high technology production, Tekfiber ceramic fiber papers have low thermal conductivity, and good high temperature stability. They have excellent thermal shock and chemical resistivity.

**Advantages**

- ✓ Low Thermal storage low thermal conductivity
- ✓ Excellent flexibility
- ✓ Easy to cut, wrap or form
- ✓ Excellent thermal shock resistance,
- ✓ Temperature stability
- ✓ Excellent wind corrosion resistance
- ✓ Lightweight
- ✓ Long service life

%	TEKFIBER 1260	TEKFIBER 1430
Al ₂ O ₃	47	35
SiO ₂	52	49
ZrO ₂	-	15
Fe ₂ O ₃	0,1-0,2	0,1-0,2
Na ₂ O+K ₂ O	0,3	0,3

Applications

- ✓ Refractory backup application
- ✓ High temperature gaskets
- ✓ Duct and hot pipe insulation
- ✓ Fire protection systems
- ✓ Muffler insulation
- ✓ Hot gas filtration
- ✓ Heat shielding

	TEKFIBER PAPER 1260	TEKFIBER PAPER 1430
Melting Temperature	1760C	1800C
Classification Temperature	1260C	1430C
Density kg/m ³	180-200	180-200
Linear Shrinkage (24 hours)	%4 (1100C)	%4 (1300C)
Thermal Conductivity W/m ² K		
400 °C	0,08	0,10
600 °C	0,11	0,13
800 °C	0,18	0,20

Dimensions:

- 1 mm = 40000x1200 mm
- 2 mm = 20000x1200 veya 20000x600 mm
- 3 mm = 15000x1200 veya 15000x600 mm
- 5 mm = 10000x1000 veya 10000x610 mm
- 8 mm = 7500x1220 mm
- 10 mm = 6000x1220 mm