

## Ceramic Tape



### Properties

1260°C Tape is a cost-effective industrial tape manufactured from ceramic fiber yarn, reinforced by a core of glass filament or stainless steel wire for high strength retention at elevated temperatures, ideal for most high temperature applications up to 1260°C. 1430°C Tape is a high performance tape made from zirconia grade ceramic fiber yarn, reinforced by high temperature alloy wire. It is durable, long-lasting product, ideal for high temperature applications up to 1430°C

Tape contains approximately 18% organic fiber which burns out at high temperatures, causing some smoking and outgassing, but the tape retains enough strength to be used as effective insulating tape at high temperatures.

### Physical Properties

		ISOTEK 1260	ISOTEK 1430
Max.Temp.Rating		1260°C	1430°C
Melting Point		1760°C	1740°C
Temperature Limit of insert		Glass : 650°C Steel : 1100°C	Alloy Wire : 650°C
Ceramic Fiber Composition	Al <sub>2</sub> O <sub>3</sub>	46 %	28-32 %
	SiO <sub>2</sub>	53%	52-56%
	ZrO <sub>2</sub>		14-18 %
Seramik Fiberin Çapı		3-4 micron	3-4 micron
Thermal Conductivity		<0.18 W/mK (1000°C'de)	<0.18 W/mK (1000°C'de)
Shrinkage (24hr)		3 % (1200°C'de)	3 % (1200°C'de)
Lost on Ignition		18 %	18 %
Electrical		Glass : Non-Conductive	Alloy Wire : Non-Conductive
		Steel : Conductive	
Color		Beyaz	Beyaz

### Typical Applications

- Asbestos tape replacement
- Fireproof wrap
- Protection against high temperature
- High temperature electrical insulation
- Cable and fuel line protection
- Gaskets and seals
- Insulation of industrial chimneys

### Usability

- Thickness: 2 - 5mm, Widht: 20 - 200mm, Length: 30m, 50m
- Ladder tape available upon request.
- Tadpole tape available upon request.
- Custom sizes available upon request.

*Bu bilgiler, de i edilen tipik özellikleri temsil etmektedir ve spesifikasyon amacıyla kullanılmamalıdır.  
This data represents typical properties subject to variations and should not to be used for specification purposes.*