



# FT-1000 Flame Resistant Pad

## Description:

FT-1000 is mainly made of flame resistant polymer materials, featuring fame resistance, explosion resistance, thermal shock resistance, corrosion resistance, low thermal conductivity, high insulation, convenient operation and so on.

## Characteristic

- Soft and high tensile strength
- Excellent electrical insulation property
- Heat resistant to burning without penetration

## Typical Applications

- Battery and electrical components
- Wire and cable application
- Automotive cable related application



## Typical Properties

Properties	Typical value	Test method
Color	Grey	Visual
Thickness (mm)	1.5	ASTM D374
Thermal Conductivity (W/m*K)	0.45	ASTM D5470
Density (g/cc)	1.5	ASTM D792
Operating Temperature (°C)	-50~250	/
Tensile Strength (MPa)	60	ASTM D412
Elongation (%)	30	ASTM D412
Dielectric Strength (kV/mm)	>12	ASTM D149
Volume Resistivity ( $\Omega$ *cm)	>10 <sup>13</sup>	ASTM D257
1000°C Resistant Time(min)	45	Alcohol blast burner
Flame Classification	V-0	UL-94



## Storage:

- Shelf life: 10 years
- Temperature: -20°C~50°C
- Relative humidity: RH<70%

## Package:

- Sheet packaging

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The technical data in this data sheet only represent typical values, not the test values of each batch of products. If you need the technical specification of the final product, please contact the relevant technical personnel.

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