



## Zibo FOVO Advanced Material Co.,Ltd

Address: No. 96, Jinjing Road, Zibo City,China  
www.zbfovo.com www.fovomaterial.com  
0086-533-3142284 sales@zbfovo.com

### FOVO FIBER BOARD

#### Characteristics

Accurate size, surface smooth, thickness uniform, fiber distributed evenly  
Good thermal stability and chemical stability  
Low heat capacity, low thermal conductivity, low shrinkage  
Good wind erosion resistance, long working life

#### Product Application

Various high temperature industrial furnace  
Ceramic kiln, mechanical and metallurgical heat treatment furnace and other industrial furnace hot surface lining materials  
Insulation materials for furnace door, kiln car, expansion joints, etc  
Rare earth magnetic material melting furnace tundish, ladle furnace lining  
Microwave penetration heating special board  
Tunnel kiln roof

#### Product Specification

Items		FV-1600	FV-1700	FV-1800
Classification Temperature(C)		1600	1700	1800
Bulk Density(kg/m <sup>3</sup> )		300-600	300-600	300-600
Linear Shrinkage(%)		<2(1450C×24hrs)	<1(1550C×24hrs)	<1(1650C×24hrs)
Chemical Composition %	Al <sub>2</sub> O <sub>3</sub>	63.5	75	78
	Al <sub>2</sub> O <sub>3</sub> +SiO <sub>2</sub>	>99	>99	>99.5
	Fe <sub>2</sub> O <sub>3</sub>	<0.1	<0.1	<0.1

Length×Width: 1000 X 600, 900 X 600, Thickness: 10mm-150mm, and customized.





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### FOVO HIGH TEMPERATURE FURNACE CHAMBER

#### Characteristics

Light weight, easy installation, fast heat up

Accurate sizes, long time usage, good heat insulation effect

#### Product Application

High temperature muffle lab chamber

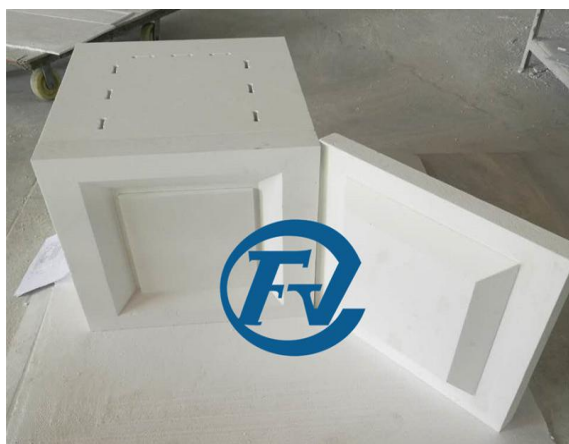
MoSi<sub>2</sub>/silicon carbide heating element chamber

High temperature vacuum chamber

Microwave experiment chamber

#### Product Specification

Item	FV-1400	FV-1500	FV-1600	FV-1700	FV-1800
Classification Temperature (°C)	1400	1500	1600	1700	1800
Regular Shape	Flat board, semi-round type, round type, tube type, box type				
Size(mm)	According to drawings				





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### FOVO ELECTRIC RESISTANCE FURNACE CHAMBER

#### Characteristics

Light weight, easy installation, fast heat up  
Accurate sizes, good heat insulation effect  
Energy saving rate up to 30%

#### Product Application

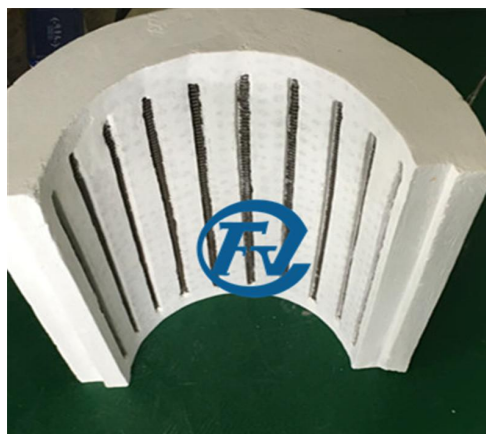
muffle resistance lab chamber  
Asphalt burning furnace chamber  
Tube-type heating chamber  
Well type resistance tape chamber  
Heat treatment electric chamber

#### Product Specification

Item	DD-1400	DD-1500	DD-1600	DD-1800
Classification Temperature(°C)	1400	1500	1600	1800
Regular Shape	Flat board, semi-round type, round type, tube type, box type,well type			
Size(mm)	According to drawings			

There is 3 types of **resistance wire setting method**:

- 1.Embedding: for fine resistance wire
2. little part at outside: for low power resistance wire
- 3.Outside: for spiral resistance wire





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### FOVO SPECIAL SHAPED PRODUCTS

#### Characteristics

Good compression strength, tensile strength and bending strength  
Accurate size  
Low thermal conductivity, good thermal shock resistance  
Heating and cooling fast  
Good insulation effect

#### Product Application

Burner blocks  
Observation port  
Heating element support  
Flue and pipe lining  
Insulation layer  
Anchorage and furnace door  
Hot top furnace  
Laboratory electric furnace inner tank

#### Product Specification

Items		FV-1600	FV-1700	FV-1800
Classification Temperature(C)		1600	1700	1800
Bulk Density(kg/m <sup>3</sup> )		300-600	300-600	300-600
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