



## 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.





## 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 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

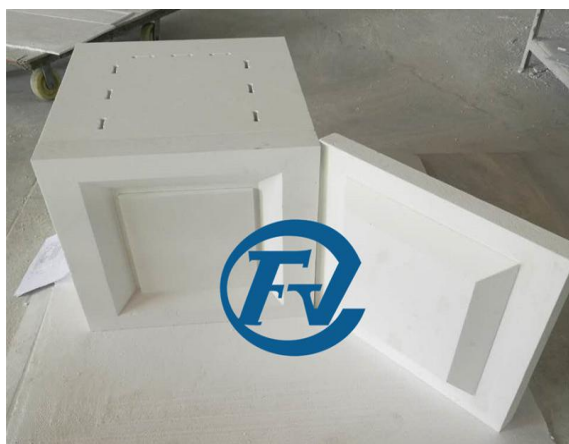
MoSi<sub>2</sub>/silicon carbide heating element chamber

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				





## 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 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

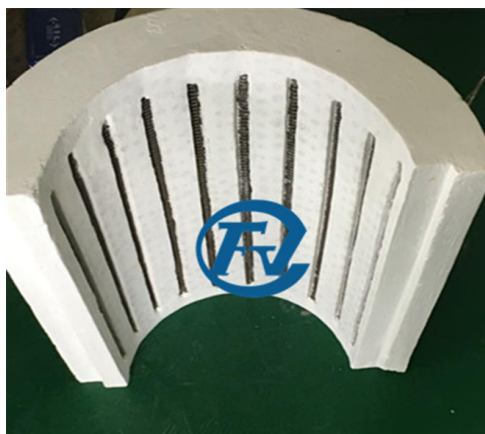
muffle resistance lab chamber  
Asphalt burning furnace chamber  
Tube-type heating chamber  
Well type resistance tape chamber  
Heat treatment electric chamber

#### 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





## 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 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
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

