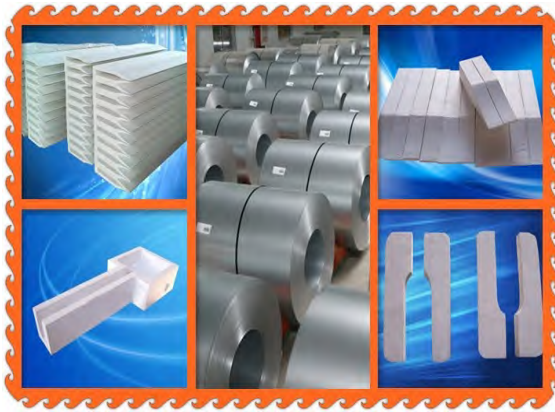


# Aluminum Silicate Ceramic Fiber Products



## Caster Tips

Caster tips is the key part of the aluminum continuous casting machine and can directly effect the quality of the aluminum sheet . The casting materials can be divided into many types according to different casting machines .

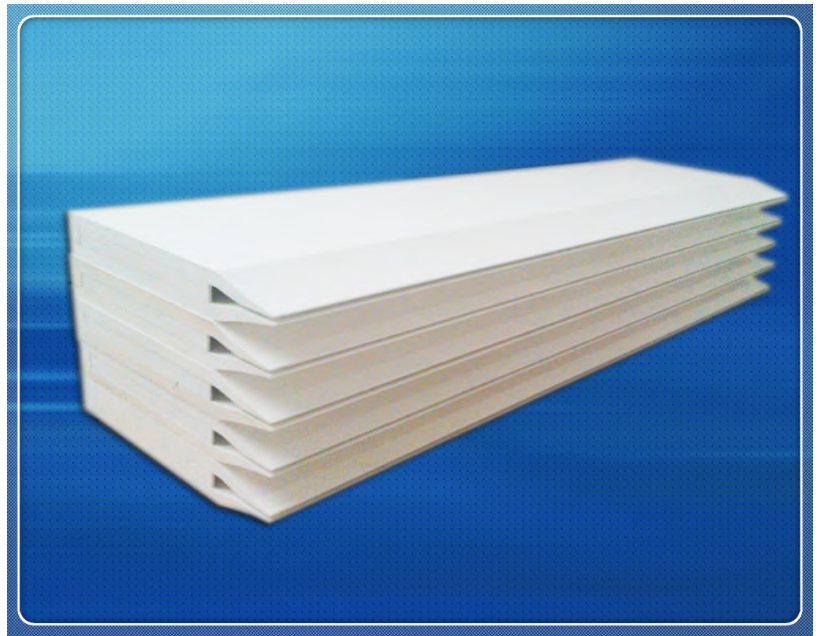
The caster tips is compounded by ceramic fiber and some other materials.The opening surface and the coating of the working surface are smooth ,can resistant to the corrosion of the liquid aluminum , guarantee the purity of the aluminum sheet .

## Advantage

- Excellent flexibility , no deformation
- Corrosion resistance to the molten aluminum
- Long service life

## Application

Caster tips are used o all makes of continuous thin strip aluminum casting equipment .



## Technical Data Sheet

Density g/cm <sup>3</sup>	Max Using Temperature	Expansion Coefficient (0-1000℃)	Thermal Conductivity (900w/m.k)	Shrinkage Coefficient 700℃×12h	Compression Strength MPA
1# 390-430	≥1000℃	2.5×10 <sup>-6</sup>	≤0.12	≤0.5	≥0.10
2# 450-490	≥1200℃	2.1×10 <sup>-6</sup>	≤0.14	≤0.5	≥0.15

## Data Sheet Of The Material( Aluminum Silicate Ceramic Fiber)

Name	Ordinary	High Aluminum
Colour	White	Pure White
Working Temperature (℃)	1000	1260
Fibre Diameter (um)	2--3	2--3
AL <sub>2</sub> O <sub>3</sub>	44	52--54
AL <sub>2</sub> O <sub>3</sub> +SiO <sub>2</sub>	96	99
Fe <sub>3</sub> O <sub>3</sub>	<1.2	0.2
Na <sub>2</sub> O+K <sub>2</sub> O	≤0.5	0.2

Ordinary material is the common materials for customers.

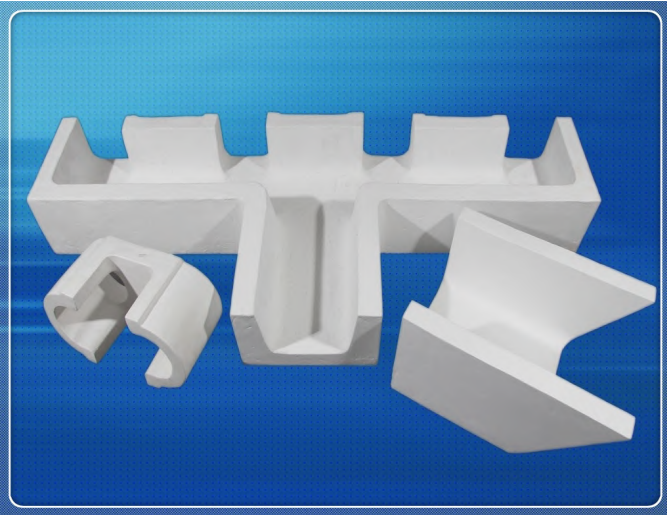


ZiBo ZhanYi Advanced Ceramic Co.,Ltd.

<http://www.zyceram.com> [info@zyceram.com](mailto:info@zyceram.com)

OFFER FOR REQUEST

# Aluminum Silicate Ceramic Fiber Products



## Application

Launder is used as a lining, excellent in high temperature resistance resistance when transmits aluminium and aluminium alloy fusant .



## Advantage

- 1.Excellent heat preservation, thermal shock resistance
- 2.Erosion resistant to molten aluminum and aluminum alloy fusant
- 3.High strength
- 4.Non-stick aluminum and molten slag

## Launder

Launder is a channel, normally internally lined, used for the transfer of molten aluminium.Launder is a good insulator, non-wetted by the molten aluminium, exhibit excellent mechanical strength including resistance to metal wear and physical damage.

## Advantage

- 1.The transfer for molten aluminium
- 2.Good insulator
- 3.Excellent mechanical strength
- 4.non-wetting

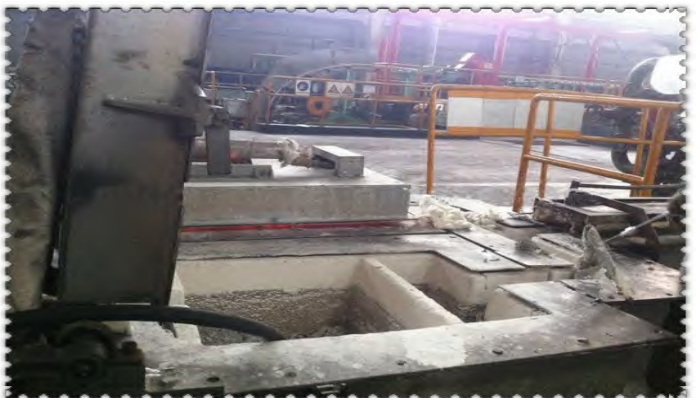


## Filtration Box

The Aluminum Silicate filtration box with fiber launders, degassing box and aluminum silicate plate,are used in the continuous casting process semicontinuous casting process. And the filtration box is the necessary equipment in filtration purification system to filtering smoothly.

## Application

For filtration and purification of molten aluminum and aluminum alloy.



ZiBo ZhanYi Advanced Ceramic Co.,Ltd.

<http://www.zyceram.com> [info@zyceram.com](mailto:info@zyceram.com)

OFFER FOR REQUEST



# Aluminum Silicate Ceramic Fiber Products

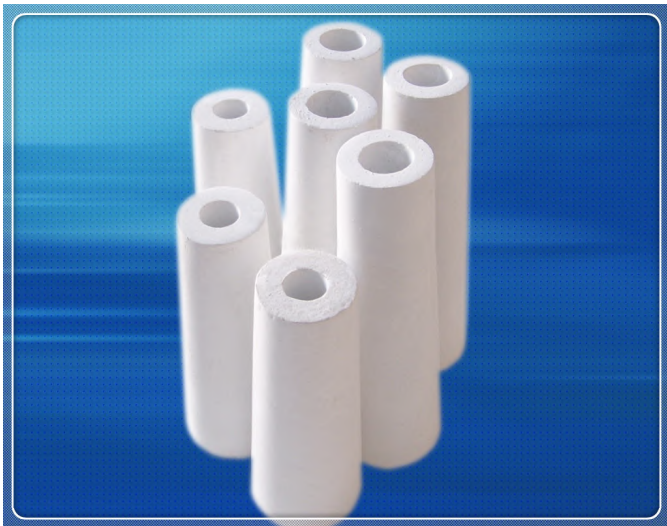


## Lips And Spacer

It mainly used for caster tip assembling, shaping molten aluminum to billet sheet, and avoiding overflow of molten aluminum.

## Float

Used to control the flow capacity of molten aluminium with excellent heat preservation without adherence to the melting aluminium.



## Riser sleeves

Are for use in light alloy, non-ferrous, gray iron and steel foundries.



ZiBo ZhanYi Advanced Ceramic Co.,Ltd.

<http://www.zyceram.com> [info@zyceram.com](mailto:info@zyceram.com)

OFFER FOR REQUEST