

FLTR

Purple Engineering

PRODUCT INTRODUCTION

Mesh Mist Eliminators

Purple Engineering

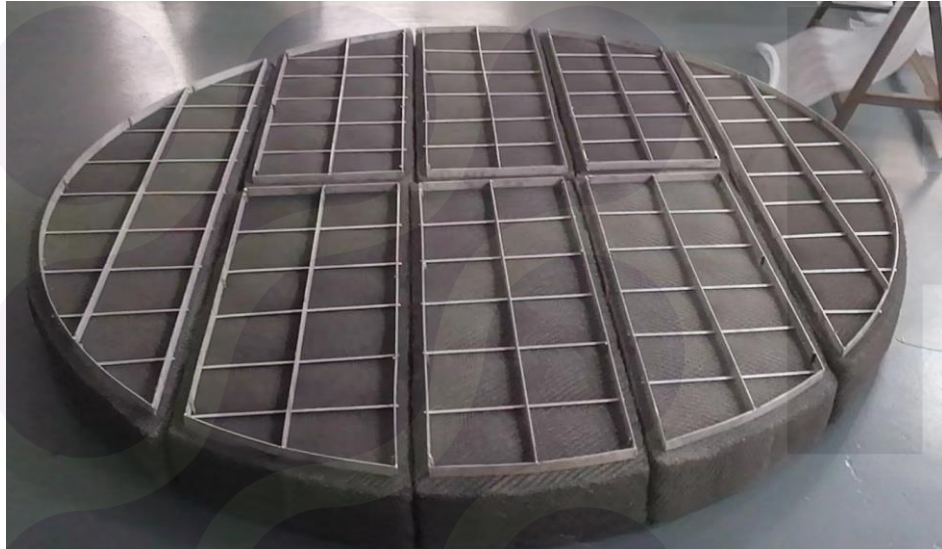
Mister Pad - Metal and Plastic Materials

- Features of demister pad
- Simple structure.
- Lightweight and easy to transport.
- High porosity, less pressure drops.
- Large surface area and high separating efficiency.
- Easy to install, operate and maintain.
- Durable and long service life.
- Corrosion and rust resistance.

Specifications of mister pad

- **Material:** copper wire, monel wire, nickel wire, stainless steel wire, plastic wire.
- **Wire diameter:** 0.2 mm, 0.22 mm, 0.23 mm, 0.25 mm, 0.28 mm, 0.3 mm, 0.35 mm.
- **Mesh size:** 2 mm × 3 mm, 4 mm × 6 mm to 12 mm × 6 mm.
- **Pad diameter:** 300 mm - 6000 mm.

According to the material

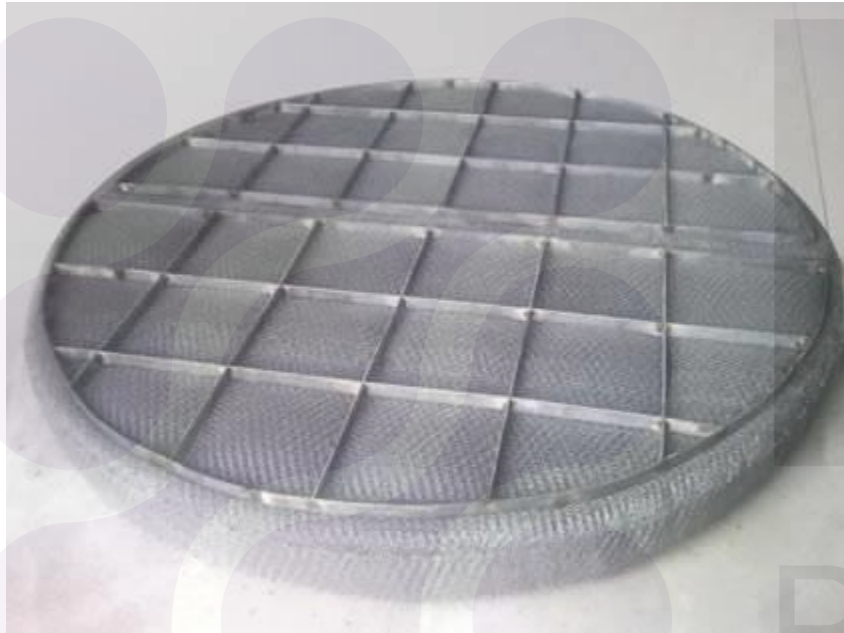


Metal mister pad.



Plastic mister pad.

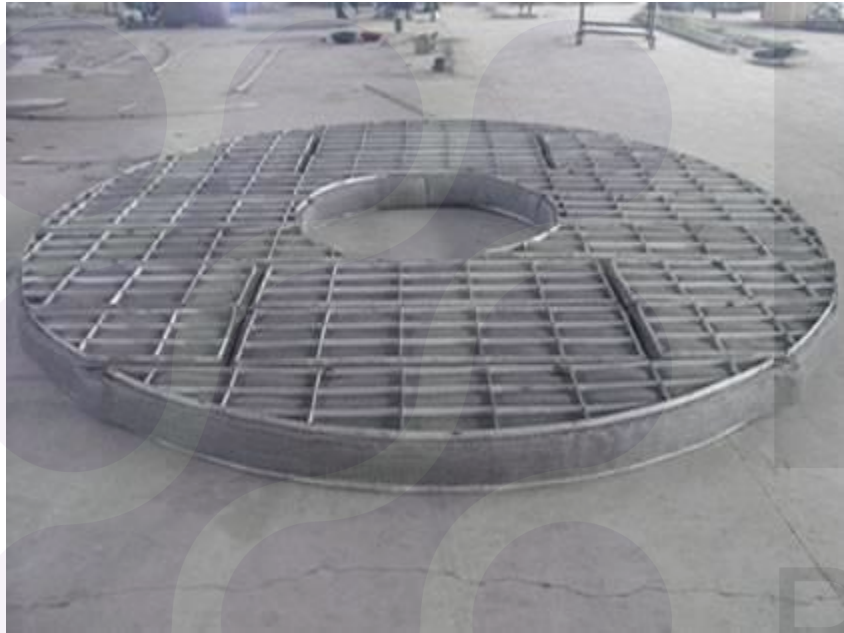
According to the shape



Round shape mister pad.



Rectangular shape mister pad.



Ring shape mister pad.



Special shape mister pad.

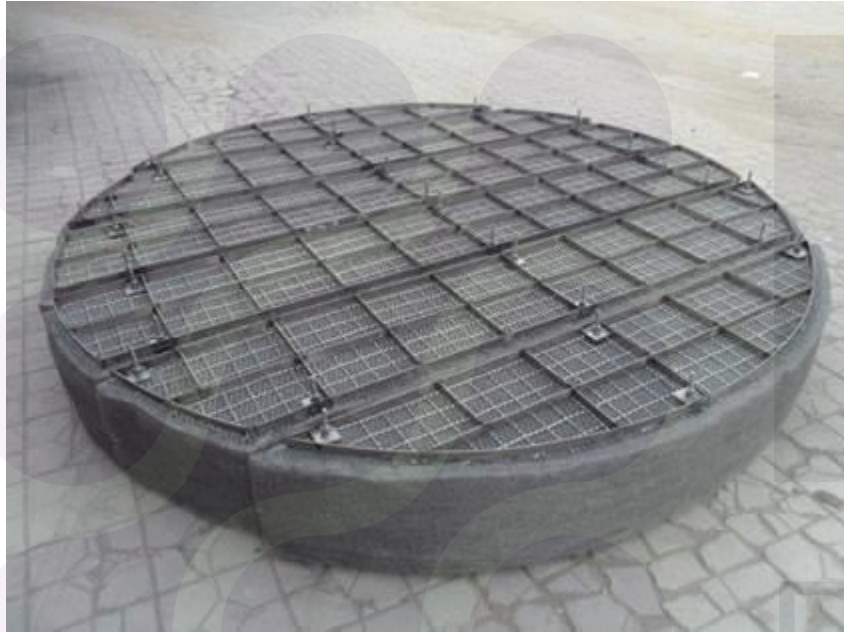
According to the component



Knitted mesh mister pad.



Knitted mesh and grating mister pad



Knitted wire mesh, supporting mesh and grating type mister pad.

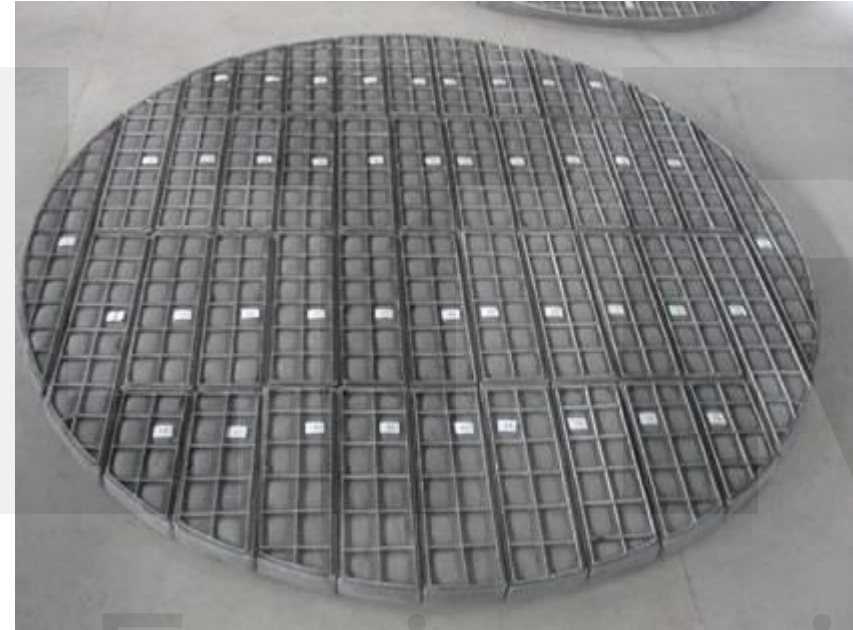


Knitted wire mesh, supporting mesh and frame type mister pad.

According to the structure



Integrated mister pad.



Integrated mister pad.

According to the grating type



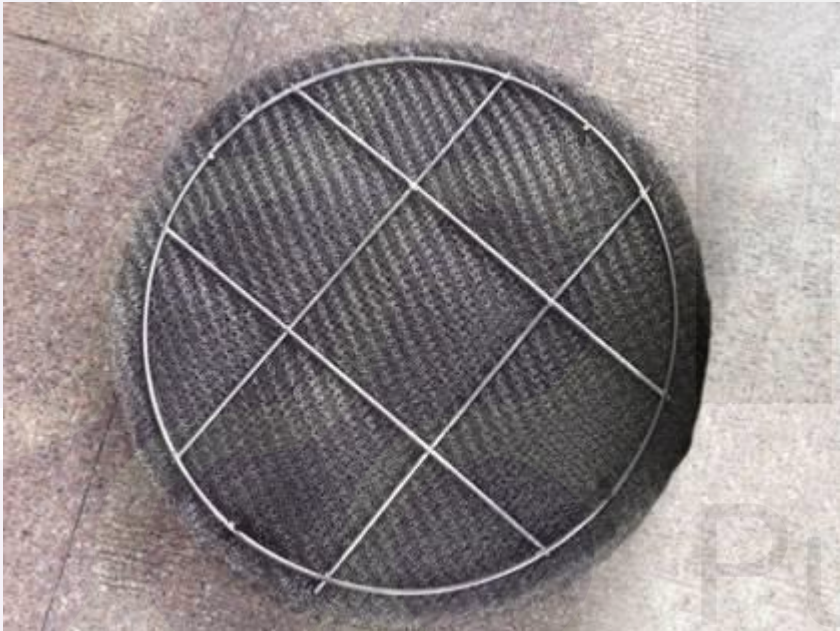
Round bar mister pad



Flat bar mister pad



Round and flat bar mister pad

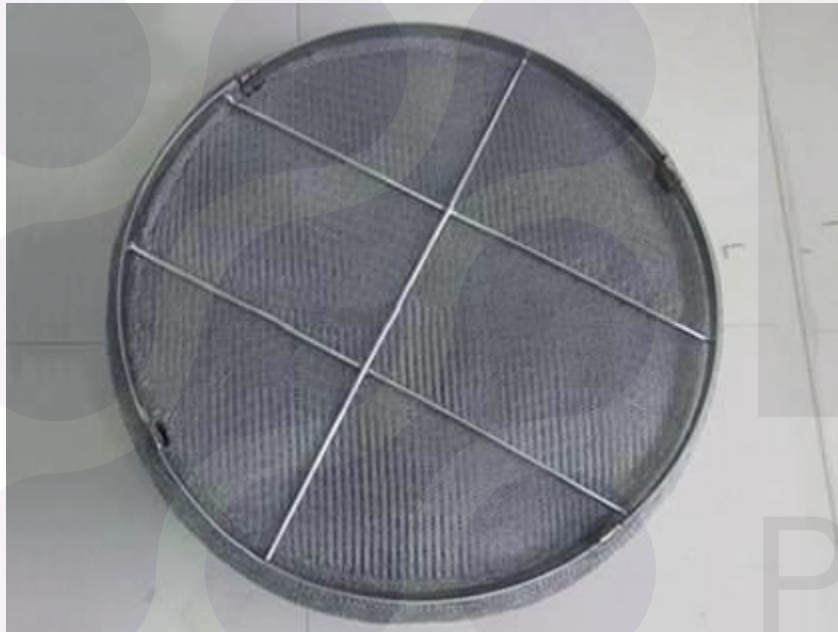


Standard knitted wire mesh mister pad



Ginning knitted wire mesh mister pad

According to the knitted wire mesh type



Standard knitted wire mesh mister pad.



Ginning knitted wire mesh mister pad

Features of PP demister pad

- **Lightweight.** The density of PP demister pad is $0.90 - 0.91 \text{ g/cm}^3$, it is one of the lightest material in the plastics.
- **High temperature resistance.** the PP demister pad can maintain good condition in max. $150 \text{ }^\circ\text{C}$.
- **Chemical stability.** The PP demister pad has outstanding corrosion, acid, alkali and various chemical agent.
- Low pressure drop.
- Good mechanical property.
- Good strength and hardness.
- Excellent elasticity.
- High filtering and separating efficiency.
- Convenient for installing and uninstalling.

Types of PP demister pad

- Rectangular shape PP demister pad.



Round shape PP demister pad.



Rectangular shape PP demister pad.

According to the structure



Standard PP demister pad.

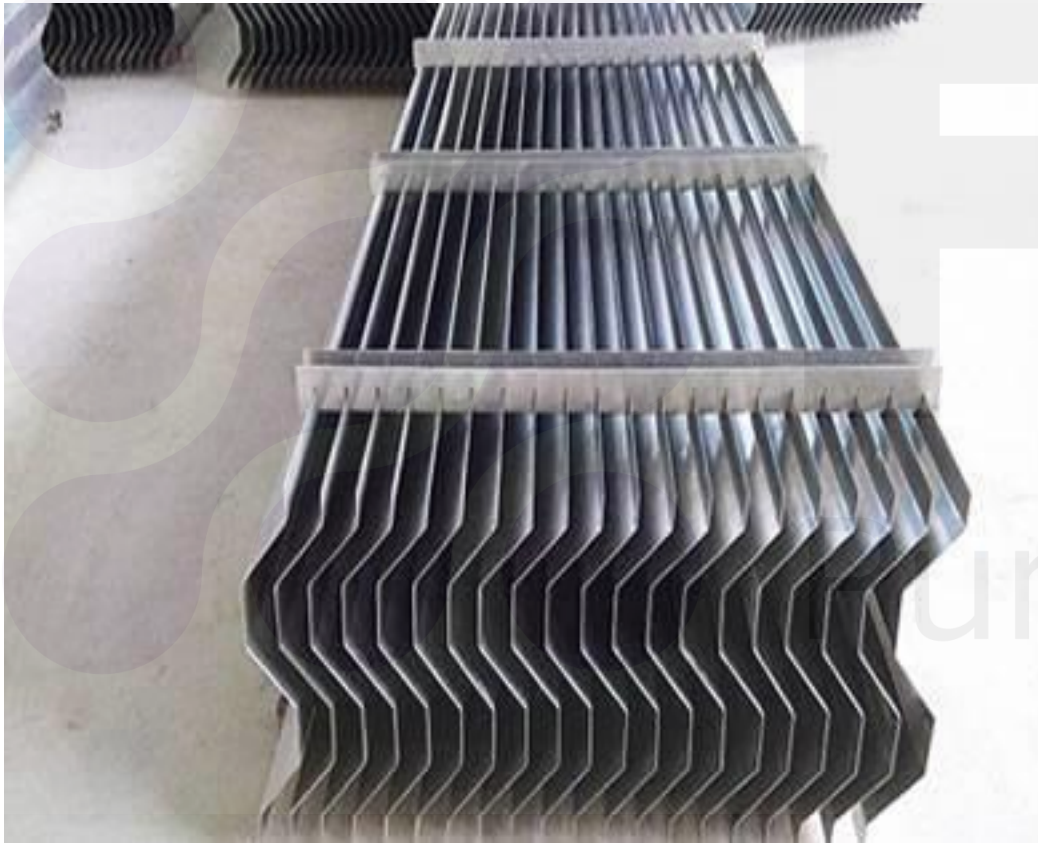


Standard PP demister pad.

Vane Demister Pad - Metal or Plastic Materials

- **Vane demister pad**, also called vane mist eliminator, chevron demister pad, it consist of several zig-zag chevron blades with certain spacing. The blade profile can be smooth or with hooks. The smooth blade is commonly used for non fouling services and the hook blade can supply greater removal efficiency and capacity.

According to material



Metal vane demister pad



Plastic vane demister pad.

According to the blade type.



Smooth blade vane demister pad.

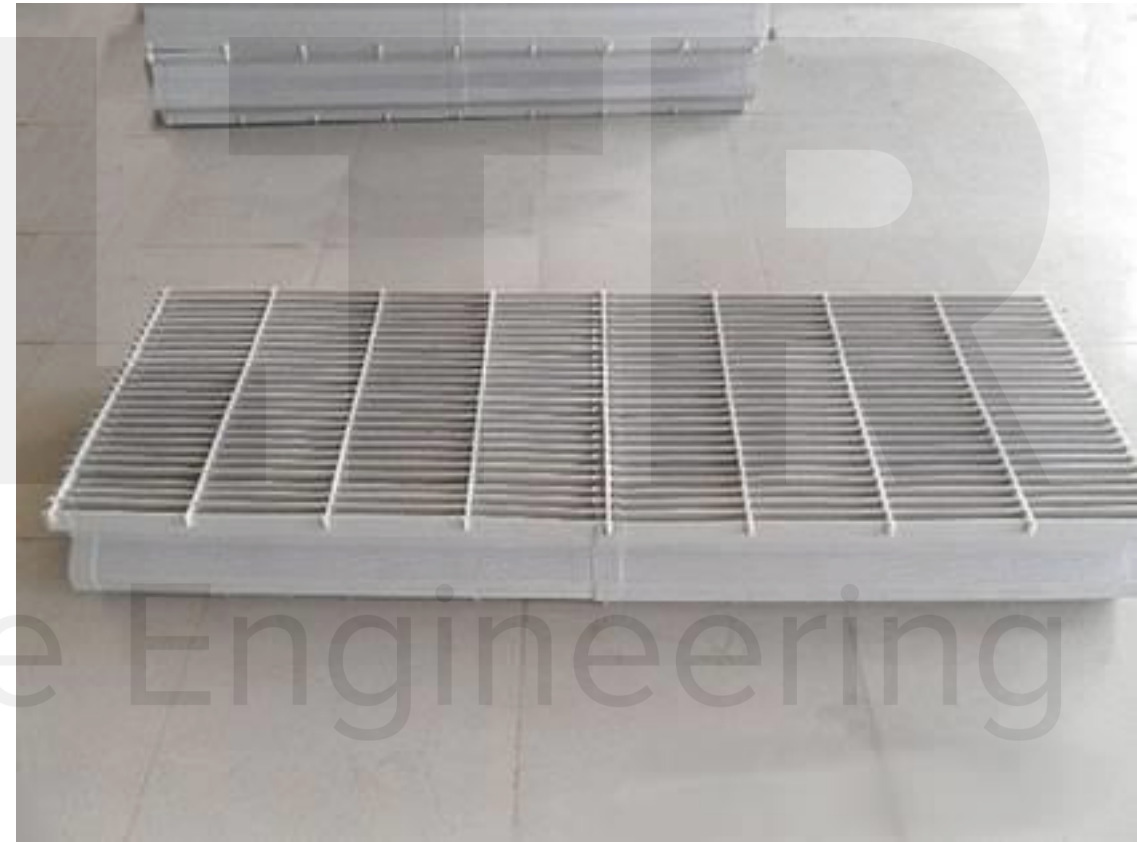


Hook blade vane demister pad.

According to the shape



Round shape vane demister pad.



Rectangular shape vane demister pad.