

Great Wall Polypropylene Plate and Frame Filter For The Heat Filtration of High Temperature Liquid Materials



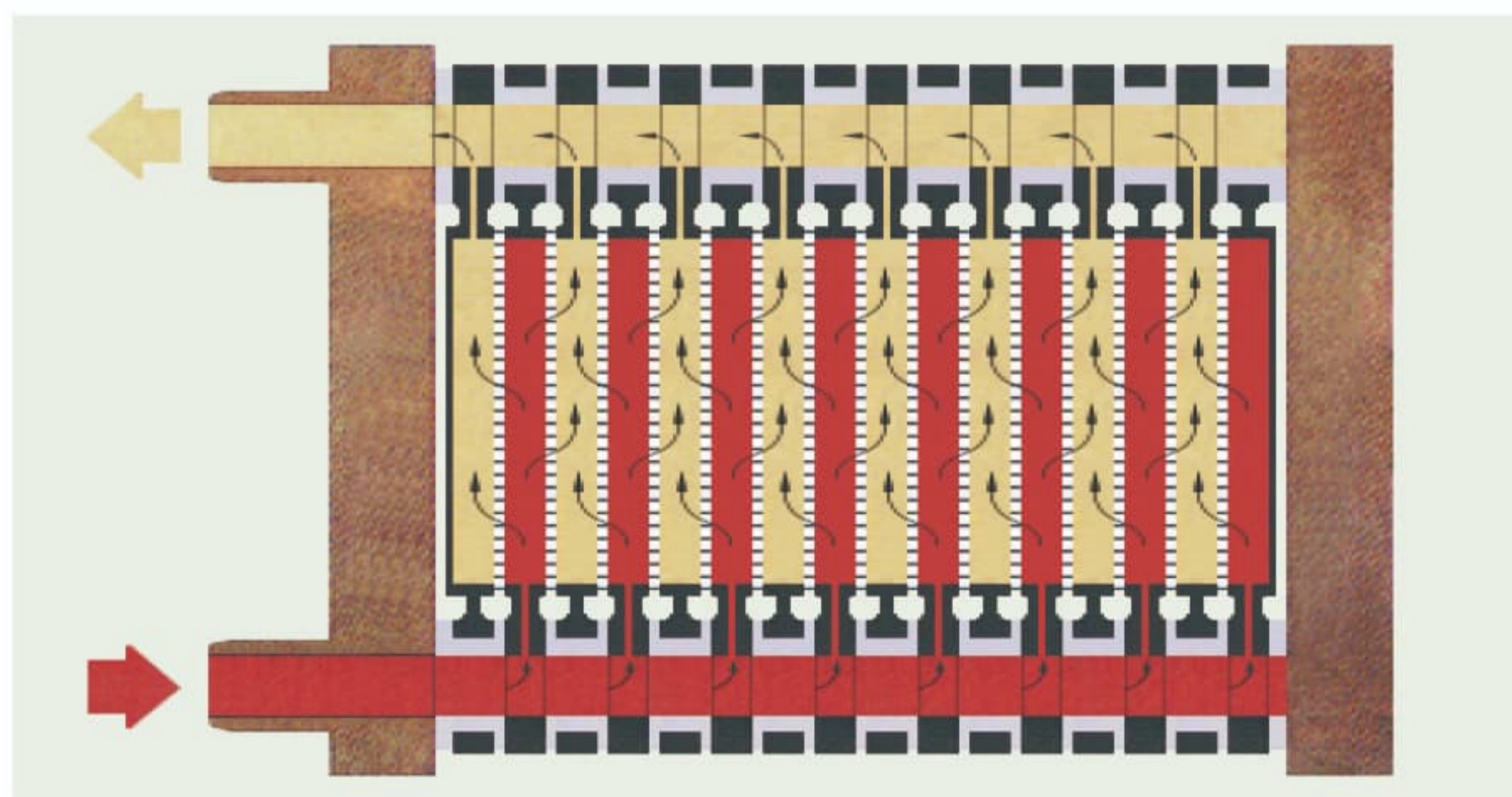
BASB400UN-2
 • Sheet size 400×400 mm
 • Polypropylene Filter plates
 • Manual screw closing

Sheet filter

Sheet filter *BASB400UN* is an enclosed filtration system. The design is based on the high hygiene and purity requirements.

- Without any leakage using filter sheet
- Applicable to a variety of filter media
- Variable application options
- Wide range of application
- Easy handling and good cleanability

Filtration Principle



Sheet filtration:

The material to be filtered is fed into two distribution channels of the filter pack via the riser. These distribute the liquid via openings into the feed plates. The fluid to be filtered flows through the filter sheet. Particles and colloids are separated. The filtrate is fed to the collection channels via the filtrate plates and flows to the filter outlet via the riser pipe.

Polypropylene filter plates



Outlet plate

Filter sheet embedded on the outlet plate

Applicable filter media

Thickness	Type	Function
Thick filter media (3-5mm)	Filter sheet	Clear Fine Sterile
Thin filter media (≤1mm)	Filter paper PP microporous membrane Filter cloth	Pre-coating Filtration

Applications

- **Pharmaceutical**
API, preparations
pharmaceutical intermediates
- **Food & beverage**
juices, olive oil, syrup, gelatin
- **Liquor & alcohol**
wine, beer, spirit, fruit wine
- **Biological**
herbal & natural extracts, enzymes