

Molten Sulphur filtration system removes ash contents and all other solid particles. These solids tend to clog the catalyst mass and cause pressure buildup.

PROCESS BENEFITS

- ✓ Maintenance time and cost reduction
- ✓ Sulfur filters reduce contamination of the catalyst bed and waste heat boiler.
- ✓ Sulfur filters improve sulfuric acid plant operational efficiency.

FILTER FEATURES

- ❖ High filtrate clarity, High yield low product losses - maximum product recovery from filter cake
- ❖ Large filtration area, No filter cloth - no washing or cloth replacements.
- ❖ Totally enclosed operation - no contact with air/moisture
- ❖ Positive pressure - no vacuum or lowered pressures necessary
- ❖ Wet or dry cake discharge.
- ❖ Easy to automate - operation with minimum labor.
- ❖ Fast and effective cleaning.
- ❖ Mechanically simple, easy access to the filter leaves for maintenance.
- ❖ Steam heating optional.

FILTREX

INDUSTRIES PVT. LTD.

SULPHUR FILTER

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STANDARD DESIGN DATA

Criteria	Details
Vessel MOC	Carbon Steel, (Optional: SS 304, SS 316)
Capacity Horizontal	5 SQ MTR to 200 SQ MTR
Design Pressure	-1 to 6 bar(g)
Design Temperature	0 to 150 DEG C
Design Standard	ASME VII div.1



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