

B R O C H U R E

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Sulphuric Acid Plant



Anping Web Wire Mesh Co.,Ltd.

Filter Elements & Screens for Sulphuric Acid Plant



Introduction

WEB WIRE MESH can offer filter elements and filtration meshes used in production of sulphur processing for the sulphuric acid industry as well as activities in sulphur re-processing and sulphur forming.

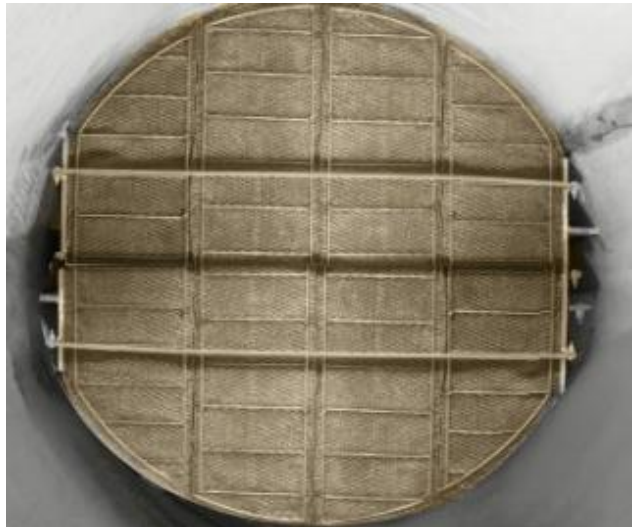
Why do you need filter molten sulphur?

Generally, the solid sulphur is stored in open-air venue, where all the products will collect dust and dirt from the surrounding environment. So before using liquid sulphur, it must use effective filters to remove contaminants, such as ash and bitumen to protect downstream equipments.

The removal of solids from molten sulphur is generally done using pressure filter leaves.

Why do you need remove sulphuric acid mist?

Sulphuric acid mists are formed at various processes of the sulphuric acid production, if not remove these mists, they will carry the gas stream through the downstream equipment of the sulphuric acid plants, this result in corrosion of ducting, blowers, heat exchangers and vessels which inside the plants, and an environmental menace outside. Thus, most sulphuric acid plants installed mist eliminator in drying, intermediate, and final absorption towers.



Idea for	Filter Elements	Features & Benefits
<ul style="list-style-type: none">Drying towersAbsorption towersTail gas scrubbers	<ul style="list-style-type: none">Filter leavesDemister padsFiber bed mist eliminator	<ul style="list-style-type: none">Prevent damage to downstream equipmentRecover valuable acid from the gas streamAvoid undesirable atmospheric emissions, reduction of contamination

Technical Parameters

When ordering, please specify:

1. Types

Filter leaves, demister pads, fiber bed mist eliminator

2. Size

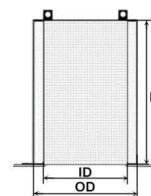
Mist eliminator diameter size range from 300 mm to 5200mm

3. Material

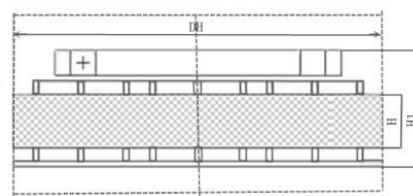
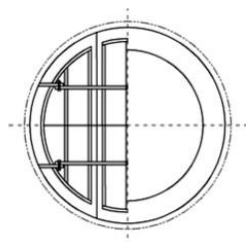
Stainless steel 304, 316L, 321



Filter Leaves



Fiber Bed Mist Eliminator



Demister Pads

Headquarters

Web Wire Mesh Co.,Ltd.
No.12 Weier Rd.
EZD Industrial Park
Hebei, China
Tel: +86 0318 7568801
Fax: +86 0318 7568802
Website: www.webfiltergroup.com

Branch

Web Wire Mesh Co.,Ltd.-SJZ
NO 2701 CYC
Shijiazhuang City
Hebei, China
Tel: +86 0311 89255081
E-mail: zhao@webwirecloth.com



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