

B R O C H U R E

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Starch Filtration



Anping Web Wire Mesh Co.,Ltd.

Filter Elements & Screens for Starch Filtration



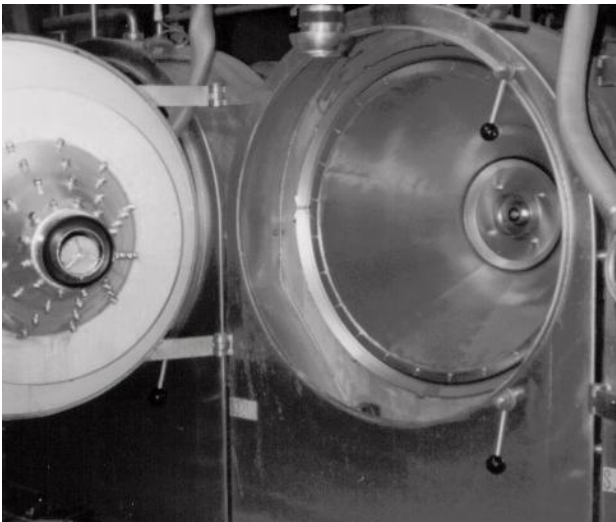
Introduction

Starch is a primary foodstuff using corn, wheat, potatoes, tapioca and rice as raw material to produce in enormous quantities. Commercial starch production is a wet process, and the filtration is one of major process in the production of high quality starch. The cylindrical screens are often to be found in the centrifuge equipments. They are widely used in the starch industries for dewatering processes.

WEB WRE MESH can offer filter meshes and filter elements to install in the rotary drum filter for dewatering and solid to liquid separation.

Basic Principle

The liquid enters centrifuge cylindrical screen, under the rotating function of pressure cylindrical screen and centrifugal force effect, removing solids from water. The filters operate under pressure, which forces water through the slit, while the solid particles larger than hole diameter are blocked on the screen surface.



Idea for	Filter Elements	Features & Benefits
<ul style="list-style-type: none">• Potato dewatering• Wheat starch dewatering• Corn starch dewatering• Modified starch dewatering	<ul style="list-style-type: none">• Perforated drum screen• Perforated metal with mesh tube• Wedge wire screens• Centrifuge baskets	<ul style="list-style-type: none">• High throughputs• Low maintenance costs• Reducing pollution and environmental impact• Stainless steel construction• Long service life

Technical Parameters

When ordering, please specify:

1. Types

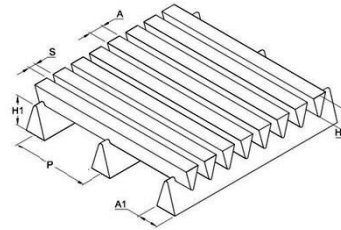
Perforated drum screen, perforated metal with mesh tube, wedge wire screens, centrifuge baskets

2. Filtration rating

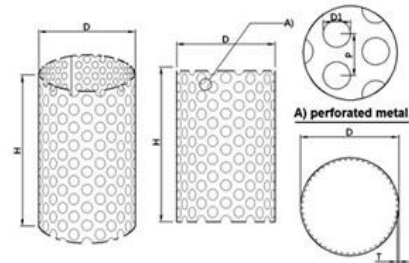
From 100 micron to 800 micron

3. Material

Stainless steel 304, 316L, 321



Wedge Wire Screen Panel



Perforated Drum Screen

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