

B R O C H U R E

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# Distillation



Anping Web Wire Mesh Co.,Ltd.

# Filter Elements & Screens for Distillation



## What is distillation?

Distillation is a process to separate a liquid mixture into component products differing in boiling point by selective evaporation and condensation. In this process, the liquid is heated in a furnace to boiling point and changed into vapour, the vapor rises through a column lined with condenser, it is then cooled and condensed, forming a distillate, which is the lower boiling compound of the original liquid.

## Introduction

WEB WIRE MESH can offer structured packing and mist eliminator for liquid-liquid separation which be used for many different distillation columns in the industrial application of petroleum refineries, petrochemical and chemical plants and natural gas processing plant.

Structured packing made of wire gauze and perforated sheet can offer very high efficiency with low pressure drop. Depending on the application, the structured packing can through selecting materials in order to corrosion resistance requirements.



Idea for	Filter Elements	Features & Benefits
<ul style="list-style-type: none"><li>Atmospheric distillation</li><li>Azeotropic distillation</li><li>Extractive distillation</li><li>Pressure distillation</li><li>Vacuum distillation</li><li>Steam distillation</li></ul>	<ul style="list-style-type: none"><li>Structured packing</li><li>Mist eliminator</li><li>Liquid-liquid condenser</li></ul>	<ul style="list-style-type: none"><li>Improved product purity</li><li>High capacity and flexibility</li><li>High strength and good wet ability</li><li>High separation efficiency</li><li>Lower pressure drop</li></ul>

# Technical Parameters

## When ordering, please specify:

### 1. Types

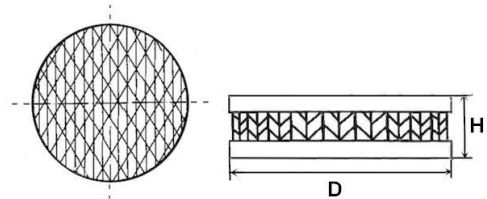
Structured packing, demister pads,  
liquid-liquid condenser

### 2. Size

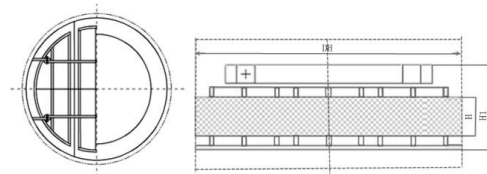
Mist eliminator diameter size range  
from 300 mm to 5200mm

### 3. Material

Stainelss steel 304, 316L, 321



Structured Packing



Demister Pads

### Headquarters

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