

Mist Elimination



Knitted Wire Mesh For Mist Elimination



Introduction

The removal of entrained material in vapour flows is significant in many industry. The knitted wire mesh is commonly used in the separation of mist or small liquid droplets from gas or vapour stream in tower of petroleum, chemical, environmental protection etc.

How it works?

When vapor and entrained liquid droplets pass through a knitted mesh pad, the vapor moves freely through the mesh pad but the liquid droplets, due to their greater inertia, cannot make the necessary sharp turns and as a result are thrown into contact with the wire surfaces and briefly held there. As more droplets enter the pad and collect on the wires, they grow in size, run down the wire to the bottom surface of the mesh separator and fall from the unit. Overhead vapor is now free of entrained liquid.



Idea for	Screen Size	Features & Benefits
<ul style="list-style-type: none">• Vacuum Tower• Knockout Drums and Separators• Gas Separator Vessels• Evaporator• Scrubber• Distillation Column	<ul style="list-style-type: none">• 100mm width• 300mm width• 500mm width• 600mm width• 800mm width	<ul style="list-style-type: none">• High temperature resistance, flexible, good elasticity• Very high removal efficiency and low pressure drop• High mechanical damping characteristics, provide ample protection from dynamic overloads

Technical Parameters

When ordering, please specify:

1. Weave Type

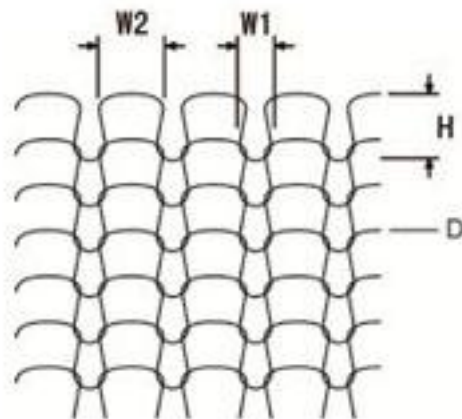
High Penetrated knitted weave type

2. Wire Diameter (D)

3. Hole Size (W1 x W2)

4. Roll Width (RW)

5. Roll Length (RL)



High Penetrated

Knitted Wire Screen

Wire		Opening	Width	Length	Number of Wire
mm	inch	mm	mm	m	Nos.
0.15	0.0059	1 - 3	9 - 120	10 - 100	1 - 3
0.17	0.0067	1 - 3	9 - 120	10 - 50	1 - 2
0.19	0.0075	1 - 3	15 - 120	10 - 50	1 - 2
0.21	0.0083	3 - 7	15 - 120	10 - 50	1 - 2
0.23	0.0091	3 - 7	40 - 1000	10 - 50	1 - 2
0.25	0.0098	3 - 7	40 - 1000	10 - 50	1 - 2
0.27	0.0106	3 - 7	60 - 1000	10 - 50	1

Headquarters

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