

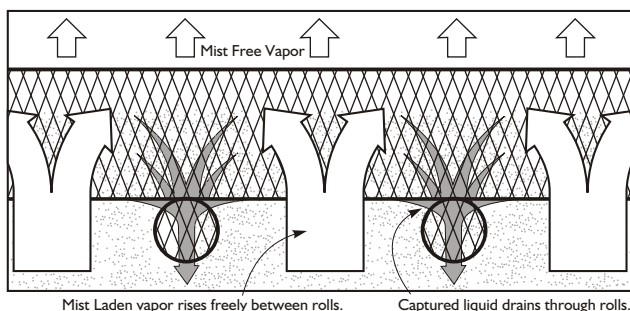
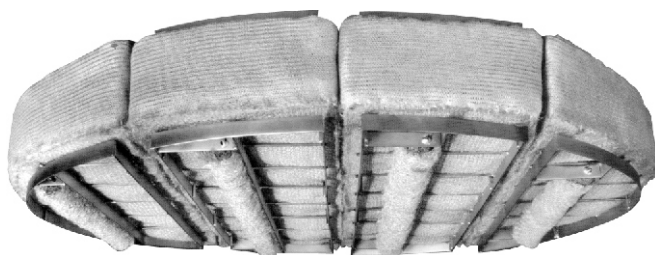
Introduction

Pads of knitted mesh have become the most widely used method of removing entrained liquid droplets from gas or vapor streams. The most common applications involve horizontal pads, where separated liquid drips through rising gas.

Through innovative developments such as the high capacity mesh styles, Interpacking can provide you with cost -saving options to:

Advantage

- Decrease new vessel size.
- De-bottleneck existing operations.
- Improve separation efficiency..
- Simultaneously meet stringent efficiency, pressure drop, and capacity specifications.
- Handle high liquid loads..



Metal Mesh

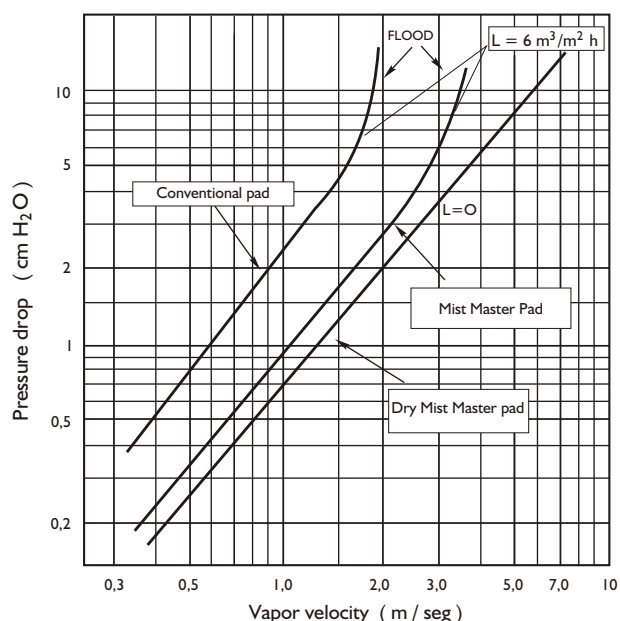
Model	7CA	5CA	4CA	4BA	3BF	3BA
Density	5.0	7.0	9.0	12	7.2	12
Density	80.3	112	144	193	116	193
Wire Dia.	.011	.011	.011	.011	.006	.006
Wire Dia.	0.28	0.28	0.28	0.28	0.15	0.15
Surface area.	45	65	85	115	120	200
Surface area.	147	213	279	377	394	656
Voids	99.0	98.6	98.2	97.6	98.6	97.6

Applications:

- Knockout Drums - Eliminate liquid droplets, prevents losses.
- Air Pollution controls - Remove pollutants from gas scrubber to meet stringent emission requirements.
- Absorbers - Remove liquid contamination.
- Evaporators - Prevent steam and product carry over.
- Refinery towers - Enhance overhead product quality.
- Sulfuric Acid Plants - Eliminate vent stack "plume".
- Steam drums - Remove condensate and solids carry over.
- Desalination - Improve efficiency and provide high-purity condensate.
- Compressors - Extract condensate and oil from compressed feed..

Materials:

The mist eliminators can be produced from any material that can be drawn or extruded. All plastic styles can be used for corrosive service but are temperature limited. Factors such as solids, high viscosity, foaming systems, and very high or very low pressure can have a considerable impact on capacity and pressure drop..



Plastic Mesh

8PR	8K3.6	8T3.6	8K4	8K5
2	3.6	3.6	4.0	5.0
32	58	58	64	80.3
.013	.011	.011	.011	.011
0.33	0.28	0.28	0.28	0.28
77	144	117	160	200
252	472	383	525	656
96.5	96.7	97.3	96.3	95.4