

Mist Eliminator-Metal Wire Mesh
Introduction

Metal knitted wire mesh types consist of a pad of fine wire mesh held between two rigid grids, as vapor flows through the pad, liquid droplets on the wires and drain by gravity. Our high efficiency mesh pads are suitable for various applications, pad sizing and configuration are designed to your process requirements and vessel dimensions for maximum efficiency. This type of mist eliminators is low pressure drop device, typically around 2 mbar, and can be reduced further for vacuum services or custom needs, they can be made to fit any vessel shape or size.

Features

- Easy to install
- No moving parts
- Very high levels of separation efficiencies
- Separation of particles with a diameter of 10 μm
- Low pressure drop
- Light weight
- Insertable for all process equipment
- No maintenance
- Easy to clean with air/water/steam
- Material: Stainless steel


ESP Knitted Wire Mesh Specification

Type No.	Surface Area (m^2/m^3)	Void Fraction (%)	Density (kg/m^3)
EDM-90	90	99.375	50
EDM-158	158	99	80
EDM-210	210	98.5	120
EDM-220	220	98.6	112
EDM-280	280	98.2	144
EDM-300	300	97.9	170
EDM-460	460	98.4	128
EDM-375	375	97.585	193
EDM-575	575	96.25	300
EDM-750	750	95.125	390
EDM-815	815	95	215
EDM-905	905	97.25	220
EDM-1780	1780	94.6	432
EDM-428	428	97.25	220

Applications

- Distillation columns
- Absorbers
- Evaporators
- Scrubbers
- Steam drums
- Separators
- Knockout drums
- Drying towers

