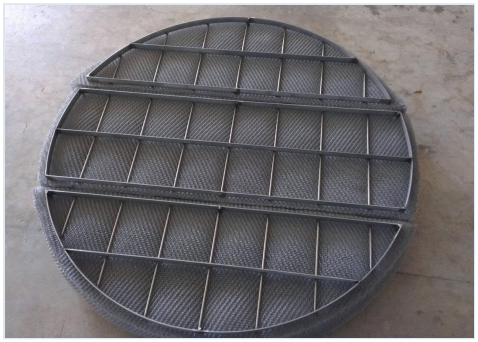
Wire Mesh Demister Pads

Also called: Wire mesh demister · Mesh pad · Vessel demister pad · Knitted mesh demister



Removes liquid droplets, from larger droplets to fine mist, from a gas stream.

What is it? A pad of knitted wire mesh placed inside a vessel. As gas flows through it, the small drops of liquid in the gas are caught on the wires, so only clean gas comes out.

Key Data

Type	Data
Drawer type	Above 99.8% removal for droplets > 5 µm; up to 100% for droplets of 8–40 µm
Standard type	Removes 5 µm droplets; above 99% efficiency; pressure drop approx. 250 Pa
Special-shaped	Made to fit your vessel
Ring type	Ring-shaped pad
PTFE type	Long-term use at 200–260 °C; stays flexible down to −100 °C; resists almost all chemicals except molten alkali metals

Key Features

- Removes droplets down to 5 µm; above 99% efficiency
- Several types for different conditions
- Easy to install, high operating flexibility

Applications

- Gas-liquid separation in the chemical and petroleum industries
- Towers and pressure vessels
- Inert gas systems on tankers
- Air filters
- Knock-out drums and gas scrubbers
- Evaporators, including desalination evaporators
- Tops of distillation and absorption columns

Materials

- Stainless steel

- PTFE (PTFE type)

Request an estimate: send your specification, drawing or process data to demister@giaearth.com or call +65 6316 8595. Products are made to your requirements.