

Demister Pad



Carry over of liquid particulate matter by gas or vapour is generally termed as "Entrainment", which is commonly encountered in Gas-Liquid separations. The Demister Pad is an entrainment eliminator, manufactured exclusively by International Wirenetting Industries. It is specially designed and fabricated from knitted wire of metallic or synthetic materials, to suit specific process configuration in existing or new equipment. When properly installed, the Demister Pad achieves 99.9% + separation efficiency with minimum pressure drop.

We are instrumental in manufacturing and exporting Demister Pad, which is used as an entrainment eliminator. The product is effective in air pollution control and exceptionally eliminated toxic mist from gases. It is also used for reducing solvent losses in absorbers, to minimize product losses in kettles and in sealing gaskets made from knitted wire mesh. The pad is available in various sizes and shapes according to the applications.

Applications

- In air pollution control, to eliminate toxic mist from off gases, e.g. Sulphuric acid plants.
- To reduce solvent losses in absorbers, scrubbers, distillation equipment e.g. Amine Treating Systems.
- To minimize product losses in Kettles, Reboilers, Vacuum Pans, Crystallizers and Evaporators. e.g. Sugar Crystallization
- To eliminate entrainment in knock-out Drum and Receivers.
- To eliminate entrainment that might damage compressors.
- To supplement equipment like Carbon absorbers and Electrostatic precipitators.
- In Refinery towers to prevent Carbon and Metal Entrainment to Downstream Catalytic Cracker and Reformer units.
- In Liquid-Liquid systems such as Coalescers.
- In flame and spark extinction, as cross country gas / inflammable product pipelines, furnaces, ovens, vent tanks containing flammable liquids and flare gas systems.
- Sealing - Gaskets made of knitted wire mesh having different degree of re-silences - e.g. in cable industry, radiation, shielding, automobile and computer industry.