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MIST ELIMINATORS | MESH PADS

Mesh Pads: Specification Summary



Mesh pad mist eliminator

Mesh pads remove liquid droplets by impingement on the wire surface. Density and specific surface area are selected according to the required efficiency, the gas velocity and the fouling tendency.

Standard pad	wire Ø 0.28 mm, 145 kg/m³, 300 m²/m³
Standard efficiency	100% of droplets 5 µm and greater
Usual thickness	150 mm, 200 mm including grids

Metal mesh pads (values for stainless steel, a variety of other metals are available)

Type number	Free volume (%)	Density (kg/m³)	Surface area (m²/m³)	Application
RHO-240-9001	97	240	450	Very high efficiency, very clean service
RHO-192-9033	97.5	192	350-400	Heavy duty
RHO-175-9032	97.8	175	320-350	For general use
RHO-145-9030	98	145	270-300	Standard general purpose media
RHO-110-9036	98.6	110	200	High velocity, dirty service
RHO-80-4536	99	80	145-150	Minimum pressure drop, dirty service

Other mesh pads

Material	Type number	Free volume (%)	Density (kg/m³)	Surface area (m²/m³)	Application
Polypropylene	RHO-100-PP-9008	95	100	1050-1100	High performance, acid mists
Polypropylene	RHO-80-PP-9030	92	80	880	Acid mists and marine engine
Polypropylene	RHO-70-PP-9031	92	70	770-820	Acid mists and marine engine
Polypropylene	RHO-50-PP-9036	95	50	500-550	Intakes with minimum pressure drop
PVDF	RHO-80-PVDF-9048	96	80	665	Highly corrosive conditions
PVC	RHO-100-PVC-9048	93	100	950	Highly corrosive conditions