

MACH Tower Packing

Pall Rings-Metal

Overview:

- Pall rings are conventional shaped packing that offers low price compared to other modern packing at a cost of performance
- Its geometry minimizes number of contours and crevices that cause liquid hold up and entrainment, and thus enabling high liquid and gas transfer rates
- The interior and exterior surface of the pall ring provide an effective distribution of liquids and gases.



Material available: 304 SS, 316 SS, 304L SS, 316L SS, Carbon Steel, Aluminum

Nominal Size (in)	1 (25 mm)	1 ½ (38 mm)	2 (50 mm)	3 (76 mm)
Void fraction (%)	95	96	97	96
Geometric Surface Area (ft ² /ft ³)	64	41.5	32	24.4
Weight-SS304(lb/ft ³)	22.47	15.61	11.86	12.5
Packing Factor(1/ft)	103.6	57.9	42.7	30
Pcs/ft ³	2446	594	266	79

Benefits

- Low pressure drop
- Easily wettable compared to its plastic counterpart
- Suitable for high temperature applications
- Mechanically robust

Applications

- H₂S, NH₃ & SO₂ absorption and stripping
- Steam stripping
- Cooling towers
- Heat transfer