MACH ENGINEERING

Ceramic Saddles | Tower Packing

A cost-effective, simple, durable packing design

As a third-generation design and modern improvement on the Berl Saddles of the 1950s, MACH Ceramic Saddles are the most cost-effective type of tower packing. The Saddles have a curved, semi-ring shape with ridged walls on either side. Their consistent and uniform structure allow for predictable performance data. MACH Ceramic Saddles are ideal for applications rrequiring superiior flow and gas-liquid transfer, and is the packing of choice for reliable corrosion resistant performance.

Nominal Size (in)	1/2 (13mm)	3/4 (19mm)	1 (25mm)	1 1/2 (40mm)	2 (50mm)	3 (76mm)
Void Fraction (%)	68	75	74	78	77	77
Geometric Surface Area (ft^2/ft^3)	198.1	106.68	76.2	50	36.6	28.96
Weight-PP (lb/ft^3)	53.06	46.82	43.7	40.58	37.46	34.34
Packing Factor (1/ft)	128	106.7	97.5	51.8	39.6	38.7

Standard Features:

- High chemical resistance at higher temperatures
- Resistance to thermal stock conditions
- Resistant to abrasion
- Good wetting characteristics
- Low cost, versatile size options
- Smooth surface, increased surface area

Materials Available:

- Ceramic

Applications:

- Corrosive acid applications
- Chemical distillations
- Cooling towers
- Absorption towers
- Tail gas Scrubber
- Regenerative Thermal Oxidizer (RTO) equipment
- Heat transfer

For Rental or Purchase Inquiries:

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