

MACH Hi-Ring | Tower Packing

High-performance product with excellent durability

MACH Hi-Rings, or Hiflow Rings, have a cylindrical shape with an open structure that permits flow-through while still delivering mechanical strength. Our product features a large void space that keeps the overall weight low enough to use in large-capacity towers without the need for packing supports.



Nominal Size (in)	1/2 (15mm)	1 (25mm)	1 1/2 (38mm)	2 (50mm)	3 1/2 (90mm)
Void Fraction (%)	91	92	94	94	96
Geometric Surface Area (ft ² /ft ³)	95.4	65.2	45.7	33.5	23.2
Weight-PP (lb/ft ³)	5.0	5.3	3.2	3.1	1.7

Standard Features:

- High mechanical stability, very high void fraction and low overall weight
- Excellent capacity for high gas and liquid flow rates
- Extremely low pressure drops
- Minimal sensitivity to pollution and fouling
- Decreased tendency for liquid to migrate to column wall

Materials Available:

- PP, HDPE, PVC, CPVC, PVDF (Kynar®), PFA (Teflon®)

Applications:

- Chemical processing
- Environmental processing
- Petroleum processing

For Rental or Purchase Inquiries:

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