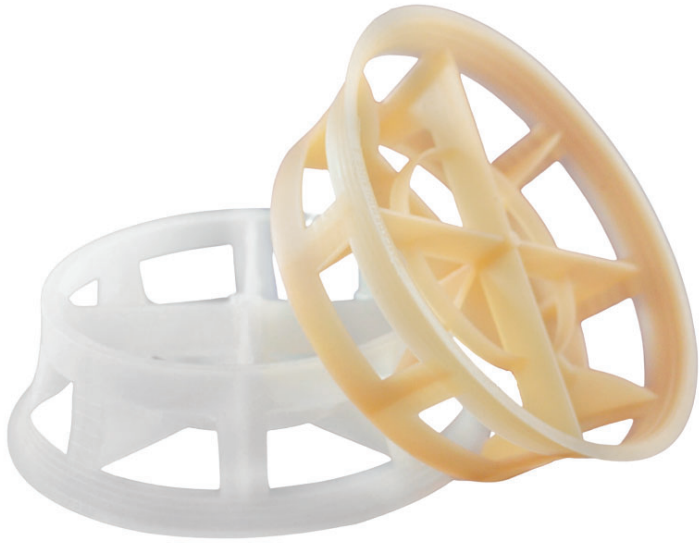


MACH Mini Rings | Tower Packing

Suitable for use in high-temperature/high-capacity environments

Based on the Koch-Glitsch Cascade Mini Ring (CMR), a versatile product first introduced in 1971, MACH Mini Rings are a type of random tower packing for absorption, stripping, and environmental applications. With a cylindrical surface, linear internal braces, and an aspect ratio of 1:3, their unique geometry maximizes turbulent mixing between phases. The small design of the MACH Mini Ring offers structural integrity, reducing the risk of deformation in high-capacity towers.



Nominal Size (in)	1 (25mm)	2 (50mm)	3 1/2 (90mm)
Void Fraction (%)	90	93	93
Geometric Surface Area (ft ² /ft ³)	70	35	27
Weight-PP (lb/ft ³)	4.1	3.1	3.0
Packing Factor (1/ft)	24	12	9

Standard Features:

- Reduced pressure drops promoting uniform flow
- Support for smaller diameter towers
- Protection against fouling
- Excellent mechanical strength allowing for use in deep beds with little deformation risk
- Low packing factor allowing increased hydraulic capacity
- Corrosion and chemical resistance

Materials Available:

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

Applications:

- Methanol and organic acid separation
- Desulfurization and decarbonization
- Gas dehydration (methane and CO₂ removal)
- CO₂ degassing and vacuum distillation
- Absorption, extraction, scrubbing, stripping, heat transfer

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