



Corrugated Structured Packing | Tower Packing

Ideal for separations requiring a large number of theoretical stages

Introduced in the 1970s, corrugated packing remains in use today as an affordable, efficient, and reliable alternative to other tower packing products. These specially designed vertical sheets maximize gas/liquid contacting, mixing, and renewable liquid film formation. The packing is available in two configurations, X and Y. X packings feature a 60° inclination providing a lower pressure drop, making them better suited for high-capacity applications. In Y packings, the sheets align at a 45° angle from horizontal. The shapes of the openings guide and direct gas/liquid flows for full integration of contact.

S.No.	Packing Type	Surface Area (m ² /m ³)	F - Factor	NTSM
1	MES 125	125	3.5	1.0
2	MES 250	250	2.2	2.5
3	MES 350	350	1.8	3.5
4	MES 500	500	1.5	4.2
5	MES 750	750	1.2	5.5
6	MES 252	250	2.6	2.5
7	MES 452	350	2.1	3.5
8	MES 752	500	1.8	4.2

Standard Features:

- Available in X(60°) and Y(45°) configuration
- Pressure drop per theoretical stage 0.5-1.5 mbar/m (for standard systems)
- High void volume in the packing bed
- Higher vapor load capacity compared to random packing and trays
- Higher relative volatility for difficult separations
- Reduced foaming tendency

Materials Available:

- 304 SS, 316 SS, 304L SS, 316L SS, Carbon Steel, Aluminum

Applications:

- Vacuum and atmospheric crude oil fractionators
- Quench columns
- Natural gas drying
- CO₂ and H₂S absorbers and strippers
- FCC main fractionators
- TEG contactors
- Tall oil separation

For Rental or Purchase Inquiries:

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SPECIALIZED IN DESIGN AND MANUFACTURING AIR & WATER POLLUTION CONTROL EQUIPMENT

Tower Packing, Column Internals, Custom Wet Scrubbers,
Rental Scrubbers & Engineering Support

Tower Internals

Available in Metal, Plastics,
Ceramic and FRP (Fiberglass)



PACKING SUPPORT



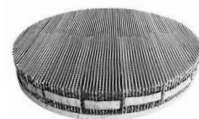
LIQUID REDISTRIBUTOR



MIST ELIMINATOR

Tower Packing

Available in Metal, Plastics,
and Ceramics



STRUCTURED SUPPORT



PLASTIC PACKING



CERAMIC PACKING

Custom Fabrication

We design and fabricate custom equipment to meet your specific needs. MACH has the capability to fabricate utilizing various metals and plastic materials such as stainless steel, aluminum, hastelloy, inconel, polypropylene, fiberglass, PVDF, CPVC, and others.

Consulting and Installation Services

For customers looking for assistance in developing a plan, MACH can help customers develop an action plan for a new project or troubleshooting an existing system. Our team of engineers can also provide experienced supervision of your installation to ensure proper installation procedures are followed.

Engineering Design

MACH performs rigorous mass and energy balance calculations for a wide range of industrial steady state processes with HETP calculations. Moreover, with the aid of Aspen Plus, we can optimize your current process in the plant, troubleshoot or debottleneck, and revamp your plant to increase productivity.