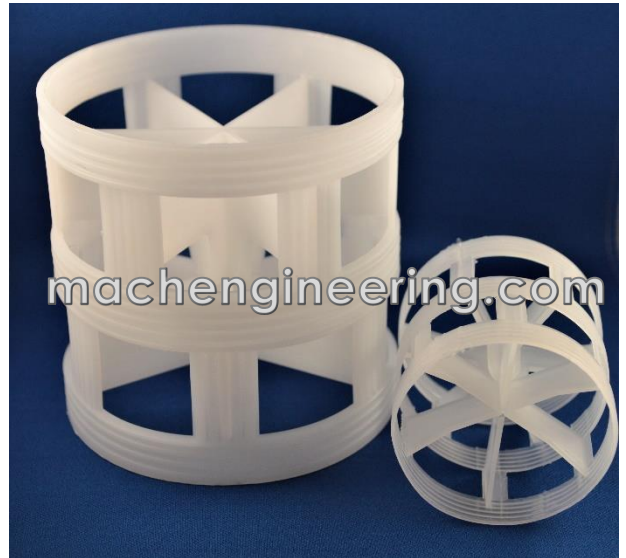


MACH Tower Packing

Pall Rings

Overview:

- Pall rings are an advanced form of the Raschig rings.
- Two rows of punched out holes with fingers or webs turned into the center of the cylinder; lowered its friction, improved packing area distribution, wetting, and distribution of liquid.
- They have higher capacity and efficiency and lower pressure drops than the saddle-shaped packings.
- Its internal cross structure makes it robust and suitable for use in deep packed beds.
- The oldest and most common types of packing used over the past 40 years.



Materials available: PP, PE, PVC, CPVC, PVDF (Kynar), PFA (Teflon)

Nominal Size (in)	5/8 (15 mm)	1 (25 mm)	1 1/2 (40 mm)	2 (50 mm)	3 1/2 (90 mm)
Void fraction (%)	86	90	91	92	93
Geometric Surface Area (ft²/ft³)	108	64	44	33	22
Weight-PP (lb/ft³)	7.75	5.50	4.75	4.25	3.75
Packing Factor(1/ft)	97	52	32	25	16

Applications:

- Scrubbing and absorption for odor control
- Stripping and degassing for water treatment
- Particulate removal from gasses
- Aeration, ozonation, and mixing
- Cooling tower
- Mist elimination