

Metal Random Packing-P (Pall) Ring Type
Introduction

P ring is highly efficient random packing used in mass transfer operations. Their open structure ensures excellent gas/liquid distribution, making them ideal for high capacity and high-temperature applications. Designed with staggered rows of punched windows and inward pointing tabs, they offer increased surface area and reduced pressure drop.

Features

- Second generation
- 50% increased handling capacity than the raschig ring under the same pressure drop.
- 50% pressure drop reduction under the same handling capacity.
- 20% higher mass transfer efficiency.
- 20–40% packing volume saving

Applications

- Vacuum distillation
- Steam stripping
- H₂S, NH₃ and SO₂ absorption and stripping
- Gas washing
- CO₂ degassing
- Cooling tower

ESP P-Rings Specification

Size (mm)	Surface Area (m ² /m ³)	Void Fraction (%)	Quantity (Pcs./m ³)
16	350	94	204462
25	222	96	53875
38	144	97	15241
50	112	97	6849
60	99	97.5	4232
70	86	97	2699
75	75	97	2033
80	68	97	1625
90	64	95.5	1177

