

Plastic 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 applications. Designed with two rows of windows with webs within the cylinder, which significantly increases the performance of the packing, in terms of throughput, efficiency, and pressure drop.

Applications

- Widely used in the petroleum and chemical industries
- Gas and environmental protection industries with maximum temperature of 220°
- Stripping and absorption services

Features

- High void ratio
- Low pressure drop
- Low mass transfer unit height
- High flooding point
- Uniform gas/liquid contact
- Small specific gravity
- High efficient of mass transfer
- Strong resistance to chemical corrosion
- Low operating cost
- Easy to load and unload
- Enhanced flow and performance

ESP Plastic P-Ring Specification

Size	Surface Area	Void Fraction	Quantity
(mm)	(m ² /m ³)	(%)	(Pcs./m ³)
16	350	88	268,000
25	220	91	54,600
40	160	93	19,000
50	110	93	6,700
90	90	94	1,240

