

Introduction

Heilex ring, also known as the plastic crown type raschig ring, is a modern type of tower packing. Manufactured through injection molding, it offers a larger surface area and higher void fraction. Its distinctive geometric design enhances gas/liquid distribution within the packing layer, leading to improved performance. The heilex ring has a high void ratio, low pressure drops, low mass transfer unit height, high flooding point, uniform gas/liquid contact, and high efficiency of mass transfer.

Features

- Impact resistance and chemical stability
- Low wall flow effect and uniform liquid and gas distribution
- Large flux and low pressure drop
- High flooding velocity and high mass transfer efficiency
- Very convenient for cleaning, reducing downtime when maintenance is required

Material Construction

- Polypropylene
- High density polyethylene
- Polypropylene long term heat aging
- Glass reinforced polypropylene

Applications

- Gas absorption
- Acidic gas desorption
- Cooling and purification
- Widely used in a scrubbing tower
- Volatile gas stripping
- Cooling tower and other reaction towers
- Water de-gasifying and scrubbing pollution

ESP Heilex Ring Specification

Size	Surface Area	Void Fraction	Quantity
(mm)	(m ² /m ³)	(%)	(Pcs./m ³)
50	107	94	8000
75	75	95	3420
100	55	96	1850

