

Metal Random Packing-UI (Ultra Intalox) Ring Type
Introduction

UI ring, a high performance random packing, is an advanced solution designed to enhance the capacity of packed towers by up to 10% without sacrificing separation efficiency. Compared to older generations, UI ring offers superior hydraulic performance with lower pressure drop, making it an ideal choice for improving the productivity and energy efficiency of separation processes.

Features

- Fourth generation
- Very low pressure drop
- High mechanical strength
- Increased capacity without loss of efficiency
- Higher efficiency without loss of capacity
- Minimized liquid carryover and solvent losses
- High mechanical strength
- Low weight

Applications

- Distillation services with high stage counts per bed
- Distillation services with low relative volatility
- High purity product distillation services
- Distillation services operating near the minimum reflux or close to a pinch point
- Absorption and stripping applications with a close approach to equilibrium
- Heat transfer services with close approach temperatures
- Tower revamps

ESP UI-Rings Specification

Size	Surface Area	Void Fraction	Quantity
(mm)	(m ² /m ³)	(%)	(Pcs./m ³)
40	135	97	-

