

Plastic Random Packing-Super Intalox Saddle Type

Introduction

Super intalox saddle is the improved version of the original saddles. The unique scalloped edge is the key to providing more interstitial transfer points per unit of volume than standard saddle packings, and immobilizing the packing within the bed, which reduces setting. Saddle shape ensures complete randomness of the packing bed. It also causes high performance in terms of higher capacity and improved rates of mass transfer when compared to traditional plastic saddles. It also serves to overcome the problem of nesting that is commonly encountered with ordinary saddles.

Features

- Uniform liquid and gas distribution
- High operating flexibility
- High void ratio
- Low pressure drop
- Low mass transfer unit height
- High flooding point
- Small specific gravity
- High efficiency of mass transfer

ESP Plastic Super Intalox Saddle Spec.

Size	Surface Area	Void Fraction
(Inch)	(m ² /m ³)	(%)
1	210	90
1 1/2	145	91
2	110	93
3	89	96

Applications

- Dewaxing oil refined extraction
- Demethanation
- Phthalic anhydride refining processes
- Widely used in petroleum and chemical, alkali chloride, gas and environmental protection industries with maximum temperature of 280°



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