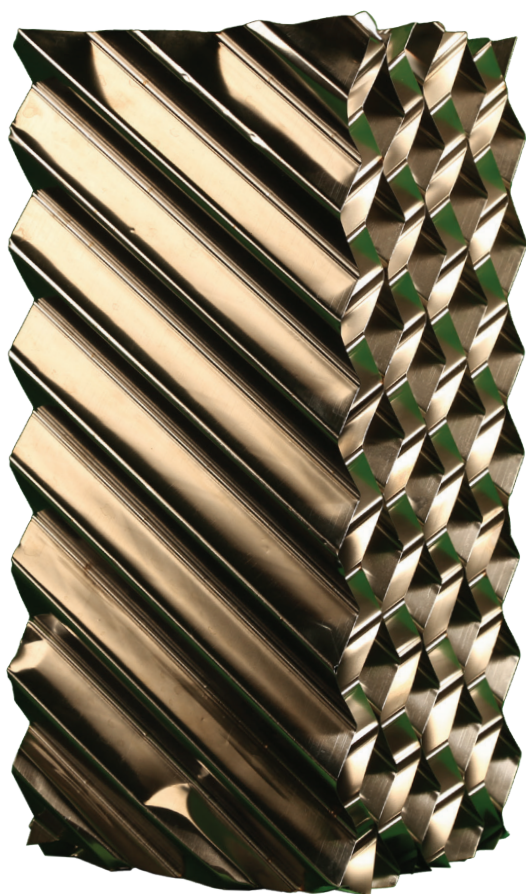


Metal Structure Packing-Mellagrid Type
Introduction

Mellagrid packing is an advanced solution designed for demanding industrial applications where both mechanical strength and fouling resistance are critical. This hybrid design combines the high separation efficiency of structured packing with the durability and open structure of grid packing, delivering superior performance in harsh environments. Its robust welded construction and wider sheet spacing ensure excellent resistance to coking, erosion, and tower upsets, making it ideal for high stress operations where traditional packings may fail.

Features

- High separation efficiency
- Easy cleaning
- Resistant to a wide range of chemicals
- Low pressure drop
- Resistance to coking and fouling because of smooth surface and geometrical structure
- High mechanical strength and superior efficiency
- Mechanically robust structure
- Easy installation and removal


ESP Mellagrid Specification

Size (Nominal)	Surface Area (m ² /m ³)	Void Fraction (%)
40.Y	40	99
64.X/64.Y	64	98
90.Y	88	98

Applications

- Atmospheric or vacuum tower
- Cooker or visbreaker fractionator
- Crude vacuum tower wash bed
- Crude oil distillation
- Ethylene plant quench towers

