

Technical Specification for Plastic Tri Pack

General introduction

Plastic Tri-pack is means improved Tri-pack. Based on original structure, we increase intercept surface or points on each intricate ribs. The improvement will promote liquid's contacting efficiency. Meanwhile, dense ribs structure will increase droplet's quantity and boost scrubbing efficiency, to compared with the original, no matter its structure and practical application, Plastic Tri-pack will better than original one.

Recognized by its geometrical shape, this product offers good surface area to void space ratios. By the facilitation of continuous formation of droplets throughout the packed bed, this tri pack provides maximum surface contract between the gas and the scrubbing liquid resulting in high scrubbing efficiency, and minimum total packing depth required.

Advantages

1. Highest mass and heat transferate
2. Extremely low pressure drop
3. Resists plugging, nesting and wall channelling
4. Highest flooding point and lowest wetting point
5. Even gas and liquid distribution
6. No interlocking or meshing
7. Used as a mist eliminator



Features of this range are as follows:

- No virtual nesting or settling since
- Materials: PP, PE, PVC, CPVC, PVDF etc
- No obtruding edge

Applications:

- Used as an absorbers
- Degassing
- Liquid/liquid extraction
- Water treatment

Spécifications:

Normal size	Surface area m ² /m ³	Free volume %	Bulk density kg/m ³	Nb. elements per/m ³	Packing factor m ⁻¹
25	279	90	99	81200	28
32	230	92	90	25000	25
50	158	93.5	67	11500	16
95	125	95	53	1800	12