

**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 ect
- No obtruding edge

**Applications:**

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

**Specifications:**

Normal size	Surface area m <sup>2</sup> /m <sup>3</sup>	Free volume %	Bulk density kg/m <sup>3</sup>	No.elements per/m <sup>3</sup>	Packing factor m <sup>-1</sup>
25	85	90	81	81200	28
32	70	92	70	25000	25
50	48	93	62	11500	16
95	38	95	45	1800	12