

## 宁波天一化工有限公司

## Ningbo TianYi Chemical Industrial(T.C.I) Co., Ltd

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## METAL PALL RING

Metal Pall ring is one of the most commonand well known random tower packings, it is an industry standard design media developed from the Raschig Ring and is used widely in variety of applications. By improving the Metal pall ring geometry enables high gas and liquid transfer rates, greater capacity and lower pressure drop than standard cylindrical rings. The interior and exterior contacting surfaces of the Metal pall ring provide for an effective distribution of liquids and gasses and resist plugging, fouling and nesting.

Advantages: 1), Lower presure drop. 2), Huge flux. 3), High efficiency.

Material available: Carbon steel, stainless steel including 304, 304L, 410, 316, 316L.

| Sizes<br>(mm) | Bulk density (kg/m3) | Number<br>(per m3) |     | Free volume<br>(%) |
|---------------|----------------------|--------------------|-----|--------------------|
| 16*16*0.3     | 360                  | 201000             | 346 | 95.5               |
| 25*25*0.4     | 302                  | 5100               | 212 | 96.2               |
| 25*25*0.5     | 400                  | 51000              | 216 | 95                 |
| 25*25*0.6     | 461                  | 51000              | 219 | 94.2               |
| 38*38*0.4     | 218                  | 15000              | 143 | 97.2               |
| 38*38*0.5     | 262                  | 15180              | 145 | 96.7               |
| 38*38*0.6     | 328                  | 15000              | 146 | 95.9               |
| 50*50*0.5     | 194                  | 6500               | 106 | 97.5               |
| 50*50*0.7     | 285                  | 6500               | 108 | 96.4               |
| 50*50*0.9     | 365                  | 6500               | 109 | 95.4               |
| 76*76*0.8     | 205                  | 1830               | 69  | 97.4               |
| 90*90*1.0     | 229                  | 1160               | 62  | 97.1               |