

Plastic pall ring

Random packing



Plastic pall rings are less sensitive to liquid distribution quality and have higher liquid hold-up and residence time in comparison to high performance packings. Although the plastic pall rings does not have “high performance” characteristics, they have been used extensively and therefore their performance is widely known.

Applications

- » Water treatment
- » Drinking water applications
- » CO₂, SO₂, HCl and HF absorption or stripping
- » Chlorine absorption in water or caustic
- » Odor control

Benefits

- ✓ Good liquid/gas distribution and high mass transfer efficiency
- ✓ High temperature applications
- ✓ Mechanically robust, less probability of breakage
- ✓ High resistance to fouling
- ✓ High temperature applications

Specifications

Dimensions		Weight	Piece density	Surface area	Voidage
<i>type</i>	<i>mm (inch)</i>	<i>kg/m³</i>	<i>pcs/m³</i>	<i>m²/m³</i>	<i>%</i>
#5/8	16 (5/8")	115	240.000	340	87,0
#1	25 (1")	79	50.200	209	91,3
#1½	38 (1 ½")	57	12.260	127	93,7
#2	50 (2")	46	5.900	100	94,9
#3½	90 (3 ½")	41	1.075	59	95,5

*All weights given refer to polypropylene.

To obtain the weight of the other types of plastics the weight has to be multiplied with the following factors:

Glass-filled polypropylene	(GFPP) 1,20
Polyvinylidene fluoride	(PVDF) 2,00
Perfluoralkoxypolymer	(PFA) 2,40

Please contact our sales department for more information.



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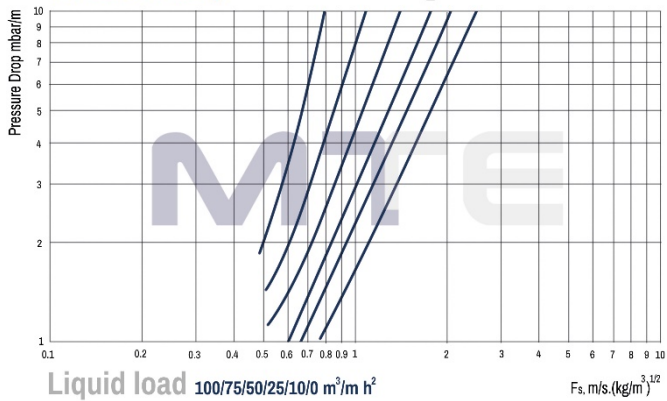
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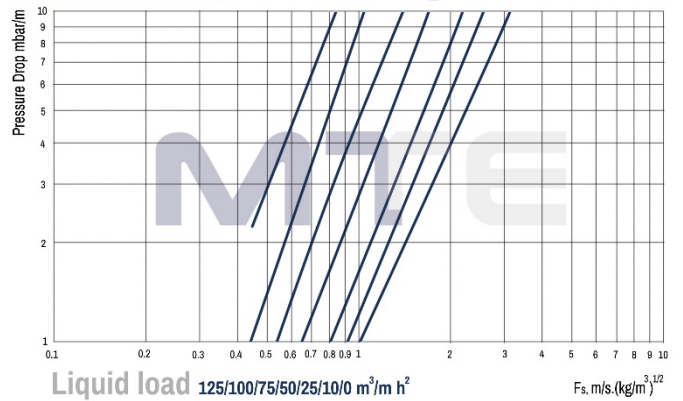
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Pressure drop charts

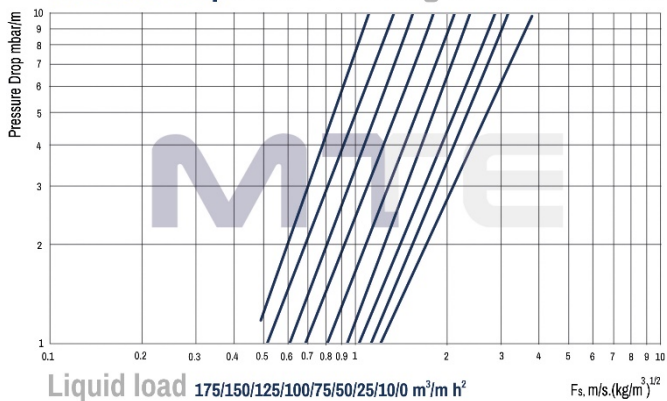
Pressure drop Plastic Pall Ring 16 ambient air-water system



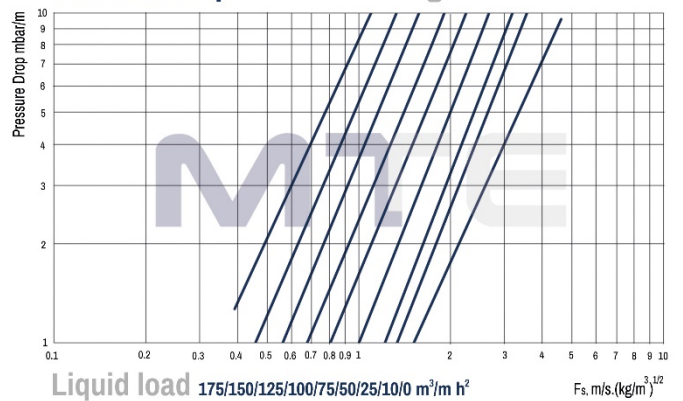
Pressure drop Plastic Pall Ring 25 ambient air-water system



Pressure drop Plastic Pall Ring 38 ambient air-water system



Pressure drop Plastic Pall Ring 50 ambient air-water system



Pressure drop Plastic Pall Ring 90 ambient air-water system

