

Metal pall ring

Random packing



The design of the pall ring is an improvement of the Raschig ring. The cylindrical dimensions are equal, however the metal pall ring has two rows of punched and formed fingers facilitating vapor flow. This adjustment provides a significant performance increase, resulting in an improvement of the capacity and efficiency. In addition, this adjusted design leads to reduction of the pressure drop through the column.

The metal pall rings are mechanically robust and provided by us in various sizes and in different types of steel. We also provide ceramic and plastic pall rings. Contact our sales department for more information or to order directly.

Applications

- » Steam stripping
- » H₂S, NH₃ & SO₂ absorption and stripping
- » Gas washing
- » Degassing
- » Air pollution control scrubbers

Benefits

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



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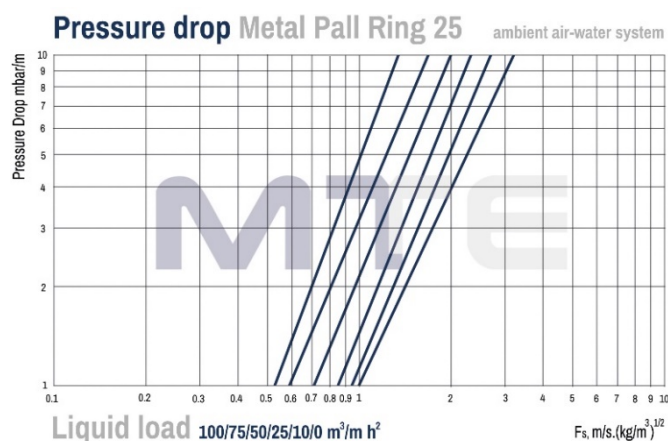
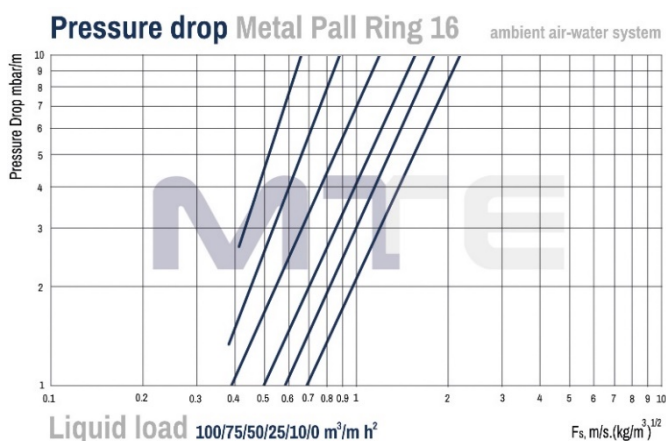
Specifications

Dimensions		Wall thickness	Weight	Piece density	Surface area	Voidage
Type	mm (inch)	mm	kg/m ³	pcs/m ³	m ² /m ³	%
3/8	10 (3/8")	0,3	520	770.000	515	94,0
5/8	16 (5/8")	0,3	385	214.000	344	94,7
1	25 (1")	0,4	322	51.000	207	94,8
1½	38 (1 ½")	0,4	200	14.300	130	96,0
2	50 (2")	0,5	196	6.500	99	95,9
3½	90 (3 ½")	0,8	165	1.100	59	96,0

Available in various types of steel, such as: C-steel, SS304L, SS316L, SS321, SS310, SS410, Duplex 1.4462, Ti Gr.2 & Gr.7

For additional information, support or (special) requests, please contact our sales department.

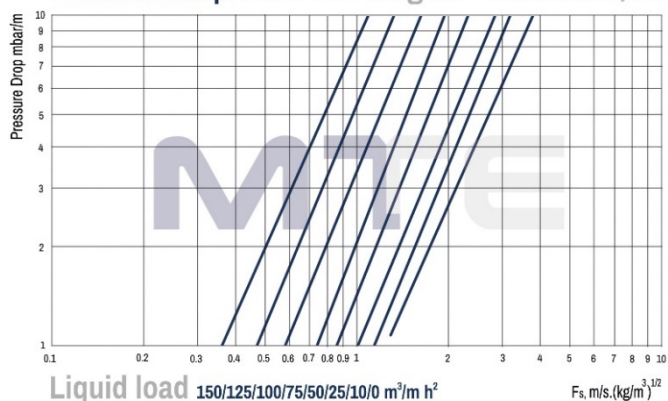
Pressure drop charts



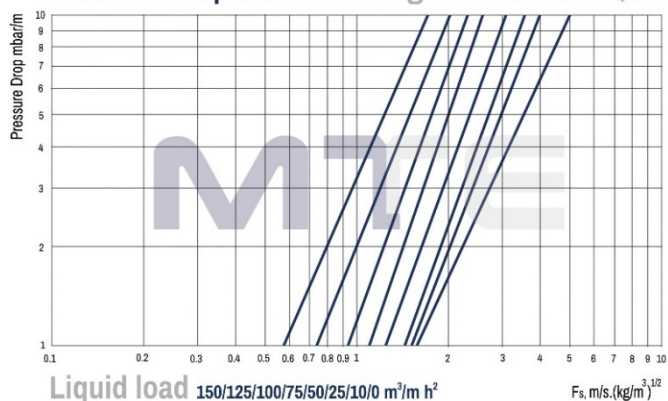
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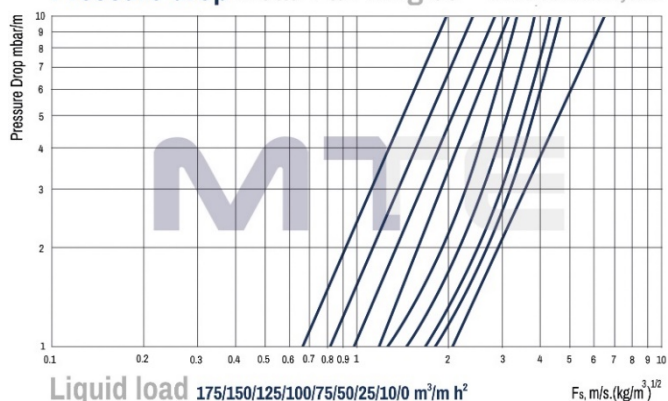
Pressure drop Metal Pall Ring 38 ambient air-water system



Pressure drop Metal Pall Ring 50 ambient air-water system



Pressure drop Metal Pall Ring 90 ambient air-water system



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