

Metal I-ring

Metal random packing



The I-ring high performance random packing gives the best of both worlds in terms of performance, low-pressure drop and high efficiency.

The specific saddle shaped packing provides a lower pressure drop at the same vapor and liquid loads. Therefore it can be effectively used in both high pressure as well as vacuum towers.

Some of its advantages include large effective interfacial area, high mechanical strength and low cost. I-rings are generally used in many distillation and absorption columns all around the world. It is available in various sizes, which give different combinations of efficiency and pressure drop.

Applications

- » CO₂ absorption
- » Degassing
- » Air pollution control
- » Ammonia absorption
- » High pressure and vacuum towers

Benefits

- ✓ High-performance
- ✓ Large effective interfacial area
- ✓ Significant improvement in capacity compared to Pall Rings
- ✓ Geometry ensures low liquid hold-up
- ✓ Higher mechanical strength

Divisions

MTE Catalyst Support
MTE Process Technology
MTE Integrated Turnaround Solutions



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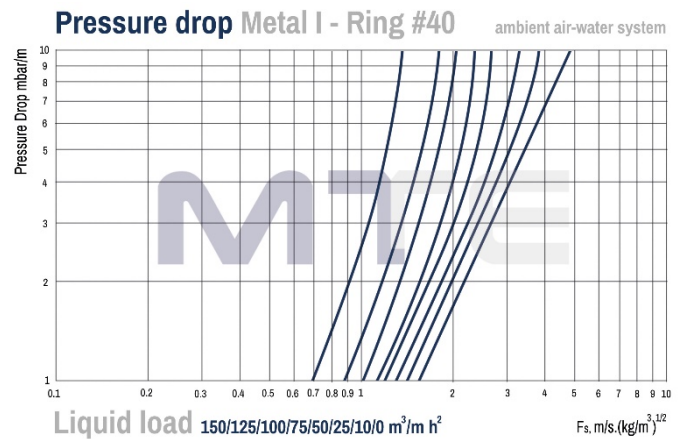
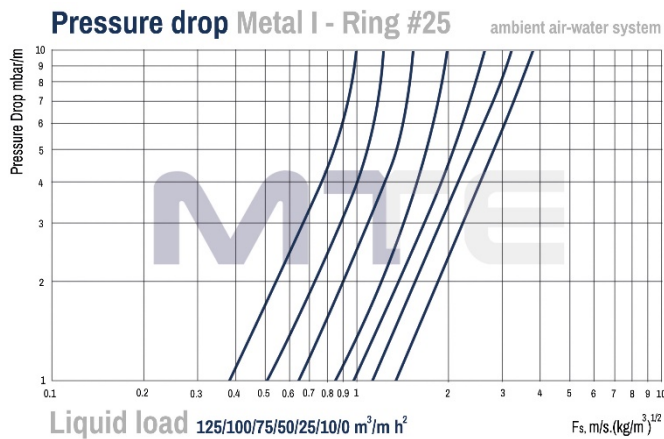
Specifications

Dimensions		Weight	Approx. quantity	Surface area dumped	Voidage dumped
number#	thickness (mm)	kg/m ³	pcs/m ³	m ² /m ³	%
15	0,25	285	347.500	291	95,6
25	0,3	225	135.000	226	96,6
40	0,3	180	50.000	151	97,7
50	0,4	160	15.000	105	98,0
70	0,4	140	4.625	60	98,5

Stock Material: SS304L, SS316L, SS410 with above details,
Other metals can be supplied on request.

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

Pressure drop charts



OPTIMIZING MASS TRANSFER

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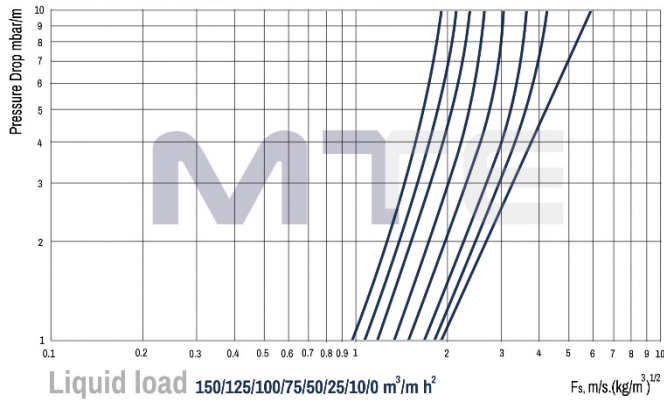


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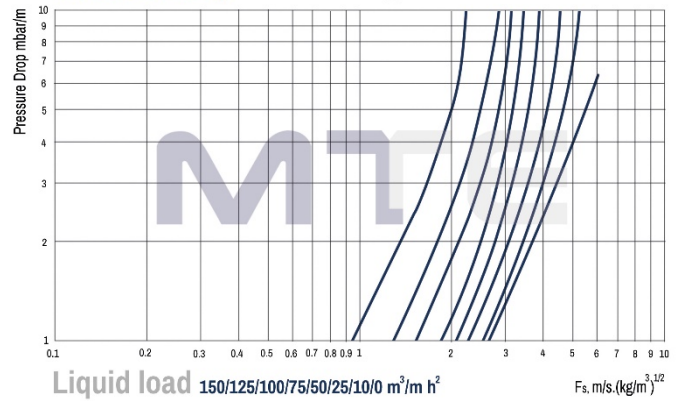
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Pressure drop Metal I - Ring #50 ambient air-water system



Pressure drop Metal I - Ring #70 ambient air-water system



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