



# Metal Packings Process Data

## Product Bulletin 201

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# Raschig Super-Ring

Size	Weight kg/m <sup>3</sup>	Number pc./m <sup>3</sup>	Surface m <sup>2</sup> /m <sup>3</sup>	Free Vol. %
0.1	715	560.000	490	96
0.3	230	180.000	315	96
0.5	275	145.000	250	97
0.6	310	74.000	215	98
0.7	240	45.500	180	98
1	220	32.000	150	98
1.5	170	13.100	120	98
2	165	9.500	100	98
3	150	4.300	80	98



# Pall-Ring

Size	Weight kg/m <sup>3</sup>	Number pc./m <sup>3</sup>	Surface m <sup>2</sup> /m <sup>3</sup>	Free Vol. %
10x0,3	520	770.000	515	94
15x0,3	385	240.000	360	95
25x0,5	385	51.000	215	95
25x0,6	460	51.000	215	95
38x0,6	310	14.500	135	96
50x0,8	320	6.300	105	96
80x1,2	300	1.600	80	96



# Ralu-Ring

Size	Weight kg/m <sup>3</sup>	Number pc./m <sup>3</sup>	Surface m <sup>2</sup> /m <sup>3</sup>	Free Vol. %
25x0,4	310	51.000	215	98
38x0,4	210	14.500	135	97
38x0,5	260	14.500	135	97
50x0,4	160	6.300	105	98
50x0,5	200	6.300	105	98





# Raschig-Ring

Size	Weight kg/m <sup>3</sup>	Number pc./m <sup>3</sup>	Surface m <sup>2</sup> /m <sup>3</sup>	Free Vol. %
5x5x0,3	1.000	5.000.000	1.000	87
6x6x0,3	900	4.000.000	900	89
8x8x0,3	700	1.500.000	630	91
10x10x0,3	600	770.000	500	92
10x10x0,5	920	770.000	500	89
12x12x0,3	500	450.000	430	94
12x12x0,5	820	450.000	430	90
15x15x0,3	380	230.000	350	95
15x15x0,5	600	230.000	350	92
25x25x0,5	400	50.000	220	95
25x25x0,8	600	50.000	220	92
35x35x0,8	430	19.000	150	93
50x50x0,8	320	6.500	110	95
80x80x1,2	300	1.600	65	96
100x100x1,5	300	1.450	65	94





# Process Data Metal Packings

All of the given weights refer to the stainless steel (AISI 304) in the indicated material thickness.

Other wall thickness available upon request.

The weights for other metals are obtained by multiplication with the following factors:

<input type="checkbox"/> Aluminium	0,35
<input type="checkbox"/> Monel and Nickel	1,13
<input type="checkbox"/> Copper	1,14
<input type="checkbox"/> Brass	1,09
<input type="checkbox"/> Titan	0,6
<input type="checkbox"/> Hastelloy	1,1

The technical data are average values and approximate sizes.

Subject to changes and improvements.

No claims may be derived from the information given.

