




Thanks to its comprehensive supply program of random packing types and materials plus decades of experience in thermal mass-separation processes such as absorption, desorption, rectification etc. VFF can provide a tailored solution for practically all operating conditions and/or gas-liquid compositions.

On request our VFF product specialist can select the appropriate tower packing for your specific requirements in a suitable material and optimum size. VFF is also happy to take on new briefs and design customer-specific products and special ceramics.

In order to guarantee high quality, VFF places a lot of emphasis on the fact that its products are "100% Made in Germany".

(ACIDUR® special stoneware, chem.-techn. porcelain, Sicafil®, Al<sub>2</sub>O<sub>3</sub>, Special Ceramics, glazes, - and much more.)

**Physical parameters: Ceramic random packings**

Description	Nominal size	Spec. weight* [kg/m <sup>3</sup> ]	Spec. surface [m <sup>2</sup> /m <sup>3</sup> ]	Free volume [%]
<b>Novalox® saddles</b>				
	1/2"	685	622	73
	3/4"	660	335	74
	1"	640	255	74
	1.5"	620	166	75
	2"	580	120	77
	3"	570	92	77
<b>PowerPak</b>				
	VFF-Power-Pak No.1-K		300	76
	VFF-Power-Pak No.2-K		140	80
<b>Berl saddles</b>				
	4 mm	1000	2000	58
	6 mm	900	1150	63
	10 mm	850	660	65
	15 mm	780	430	67
	25 mm	700	260	70
	35 mm	650	178	73
	50 mm	600	120	75
	80 mm	550	60	75
<b>Pall® ring</b>				
	25 mm	620	220	75



35 mm	540	165	78
50 mm	550	120	78
80 mm	520	80	79
100 mm	450	55	82

Cylindrical ring



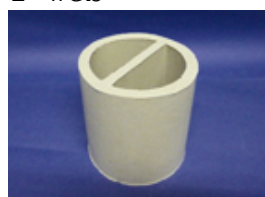
5 mm	900	1000	63
6 mm	880	940	64
8mm	870	550	65
10 mm	850	450	66
12 mm	720	360	67
15 mm	700	310	72
20 mm	650	240	74
25 mm	620	190	74
30 mm	570	165	77
38 mm	560	130	78
50 mm	550	98	78
60 mm	520	78	79
70 mm	530	72	78
80 mm	520	60	77
80 mm**	770	88	67
100 mm**	580	65	75
120 mm**	550	55	77
150 mm**	600	45	75
200 mm**	610	33	74

1 cross



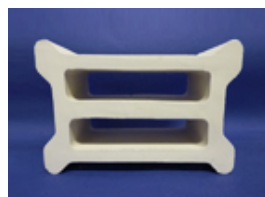
80 mm**	990	125	58
100 mm**	790	99	66
120 mm**	760	83	68
150 mm**	865	68	63
200 mm**	845	50	64

1 web



80 mm**	825	108	65
100 mm**	690	83	71
120 mm**	650	70	72
150 mm**	740	57	69
200 mm**	735	42	69

Grid block



215 x 145 x 90 mm	90	-	50
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\*The usual, permitted tolerances for ceramic products apply.

\*\* Various wall thicknesses and/or with and without fluting.

Subject to technical modifications. All details serve for preliminary information purposes only. Claims cannot be derived therefrom. Specification sheets are available on request.