



## Ceramic foam filter LDF

### (Low - Density - Filter)

**Porous ceramic body of aluminium oxide, silicon oxide and graphite**

**Application:** for all aluminium alloys (floating in)

**Application Temperature:** Depending on the casting time and the pouring height  
max. 850°C

**Porosity:** 10, 20 and 30 ppi (pores per inch)

Dimension [mm]	Maximum recommended values for filter capacity [kg] and casting capacity [kg/s]						Packaging unit	
	10ppi		20ppi		30ppi		Carton	Palette
	[kg]	[kg/s]	[kg]	[kg/s]	[kg]	[kg/S]		
40 x 40 x 22	30	1,6	21	1,1	18	1	1008	20160
50 x 30 x 22	27	1,6	20	1,1	16	1	1008	20160
50 x 50 x 22	46	2,2	33	1,6	27	1,5	630	12600
60 x 60 x 22	67	3,2	48	2,2	39	2	486	9720
75 x 50 x 22	70	3,3	49	2,7	42	2,2	441	8820
75 x 75 x 22	106	5,5	74	4,4	62	3,3	252	5040
100 x 50 x 22	93	4,9	66	3,8	55	2,7	315	6300
100 x 75 x 22	140	7,1	99	5,5	82	4,4	189	3780
100 x 100 x 22	187	9,9	132	7,7	110	6	135	2700
Round filter	10ppi		20ppi		30ppi		Carton	Palette
∅								
∅ 40 x 22	23	1,2	16	1	14	0,9	936	18720
∅ 50 x 22	36	1,8	26	1,6	22	1,1	630	12600
∅ 60 x 22	52	2,7	37	2,2	31	1,6	486	9720
∅ 75 x 22	82	4,4	58	3,3	48	2,7	280	5600
∅ 80 x 22	93	4,9	66	3,8	55	3,3	256	5120
∅ 90 x 22	118	6	84	4,4	70	3,8	216	4320
∅ 100 x 22	147	7,7	103	5,5	87	4,9	135	2700

#### Other dimensions on request

**Tolerance:** dimensions up to 100mm: +0, -2mm; from 100mm: +0, -3mm

**Flatness:** max. Deflection 1.5% or 3mm

A guarantee for the stated values cannot be assumed, since this is only approximate. When choosing a bad filter arrangement (directly poured on, large pouring height, insufficient filter support) or to small dimensions of the filter, is a risk that the filter capacity is exceeded. All recommendations apply only with respect to the amended text.

Data subject to alteration.