



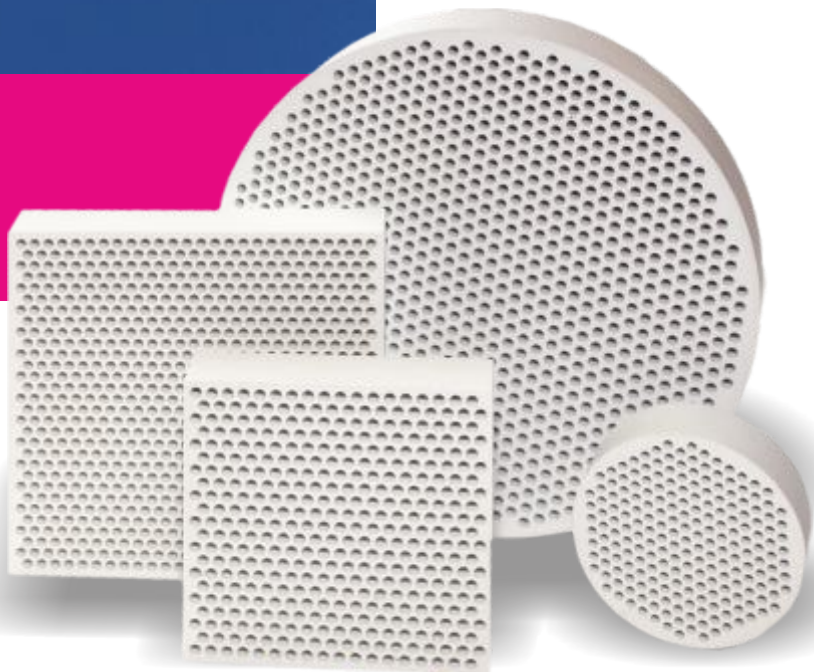
no compromises

- ∴ in safety
- ∴ in precision
- ∴ in performance

HIPERCAST round-hole filter

New of hofmann CERAMIC:

High-performance round-hole filters for steel and large-scale casting. Unique material compositions ensure highly effective casting performance while achieving uniform casting times and consistent flow resistances.



HIPERCAST round-hole filters

RLF Quality FKM GS



- :: extremely resilient
- :: extremely stable
- :: extremely efficient

Range of applications:

Steel castings, gray cast iron, nodular cast iron

Application temperature:

dependent on casting time and casting height

Density:

2,0 g/cm³

Range of tolerances after DIN 7168 sg:

Length and widths up to 30mm: +0/-2,0mm

From 30mm up to 120mm: +0/-3,0mm

Over 120mm: +0/-4,0mm

Thickness: +0/-2,0mm

(other tolerances possible)

The indicated data are subject to production-related fluctuations, which are standard in the manufacture of ceramics, and may not be viewed as an assurance of properties. Pouring rates, recommended total flow and max application temperature are based on previous experience. Individual results may vary! All recommends only in combination with the newest information text.

filtering performance:

Dimensions [mm] L x B x Dmax	Holes [mm]	Total flow		
		GG	GGG	GS*
150 x 150 x 35	3,9	2340	1800	380 / 540
133 x 133 x 35	3,9	1840	1415	285 / 400
133 x 133 x 25	3,8	1252	680	270 / 380
133 x 133 x 22	3,8	1171	636	197 / 275
133 x 133 x 19**	3,8	1100	598	-
125 x 125 x 25	3,9	1106	601	250 / 351
125 x 125 x 25	3,17	1106	601	250 / 351
125 x 125 x 30	3,17	1250	679	255 / 360
100 x 100 x 25	3,8	708	385	160 / 225
75 x 75 x 25	3,17	398	216	90 / 126
75 x 75 x 22	3,17	372	202	70 / 106
Ø 200 x 35	3,9	3266	2512	530 / 753
Ø 175 x 35	3,9	2500	1923	385 / 544
Ø 150 x 35	3,9	1837	1413	300 / 423
Ø 125 x 25	3,5	868	472	196 / 275
Ø 100 x 25	3,5	556	302	125 / 176
Ø 90 x 25	3,8	450	245	101 / 143
Ø 75 x 25	3,17	312	170	70 / 105

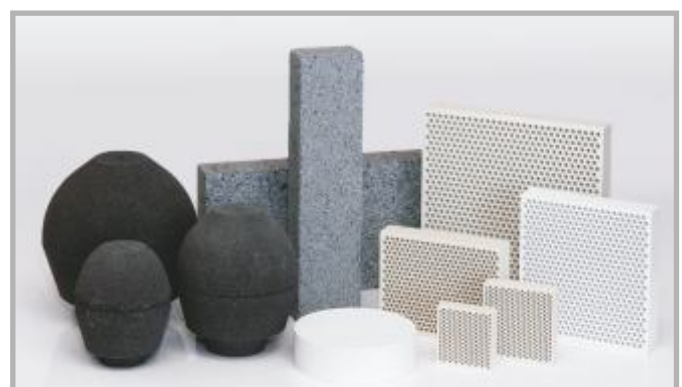
*) The smaller values are the max. pouring weights for normal steel qualities, the higher values the ma. weights for the high alloyed steel qualities

***) We recommend for filters over a size of 100x100mm a thickness of 22 or 25mm

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Our filters are certified to **DIN EN ISO 9001**