



Investment Casting Supplies Ltd

Ceramic Foam Filters

Ceramic foam filters are critical for the optimum filtering of various metals and alloys. Our filters are designed to be used with temperatures as high as 1700 °C.

We supply Zirconia, Alumina and Silicon Carbide filters in various shapes and sizes.

Our filter bodies have a robust ceramic construction and excellent thermo-mechanical properties that provide the filter with outstanding stability in operation.



Technical Specification

	Irons and non-ferrous metals	Aluminium alloys	Ferrous metals
Chemical Composition	Silicon Carbide	Aluminium Oxide	Zirconia
Bond	Ceramic	Ceramic	Ceramic
Colour	Grey	White	Orange
Max Application Temperature	1480 °C	1350 °C	1700 °C
Porosity	10 – 60 ppi	10 – 60 ppi	10 – 60 ppi
Basic Shapes	Square, Circle, Rectangle	Square, Circle, Rectangle	Square, Circle, Rectangle
Tolerance Dimensions	+ 0.5 / - 1.5mm up to 99mm +0.5 / 2.5mm above 100mm	+ 0.5 / - 1.5mm up to 99mm +0.5 / 2.5mm above 100mm	+ 0.5 / - 1.5mm up to 99mm +0.5 / 2.5mm above 100mm

For more information, please contact Investment Casting Supplies:



Standard Dimensions (Bespoke shapes and dimensions available on request)

Dimensions (mm)	Thickness (mm)	Shapes	Porosity (PPI)
Ø 40	10 – 50	Round	10 - 60
Ø 50	10 – 50	Round	10 – 60
Ø 60	10 – 50	Round	10 – 60
Ø 70	10 – 50	Round	10 – 60
Ø 80	10 – 50	Round	10 – 60
Ø 90	10 – 50	Round	10 – 60
Ø 100	10 – 50	Round	10 – 60
Ø 305	10 – 50	Round	10 - 60
40 x 40	10 – 50	Square	10 – 60
50 x 50	10 – 50	Square	10 – 60
60 x 60	10 – 50	Square	10 – 60
75 x 75	10 – 50	Square	10 – 60
75 x 50	10 – 50	Rectangular	10 – 60
100 x 75	10 – 50	Rectangular	10 – 60
100 x 100	10 – 50	Square	10 – 60
55 x 55	10 – 50	Square	10 – 60
150 x 150	10 – 50	Square	10 - 60

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