

Investment Casting Supplies Ltd

3D Printed Ceramic Filters

Ceramic 3D-printed filters provide a consistent flow system and a material cleanliness that is not achievable with conventional foam filters. In addition, our 3D-printed filters avoid the introduction of inclusions that are very common with traditional foam filters.



Technical Specification

Chemical Composition	Silica material with proprietary mixture of zircon and Alumina to optimise printed part properties
Colour	White
Application Temperature	Max of 1650 °C
Flow Rates	0.75 – 32.5 (Kg/Sec)
Shapes	Tapered, straight-sided, square, rectangular and round

Standard Dimensions

Filter No	Type	Diameter (mm)	Height (mm)
3DF01	Straight	19.05	12.70
3DF02	Straight	23.87	12.70
3DF03	Straight	25.40	6.35
3DF04	Straight	50.8	19.05
3DF05	Straight	63.50	19.05
3DF06	Straight	76.20	20.8
3DF07	Straight	82.50	20.8
3DF08	Tapered	82.50	19.05
3DF09	Tapered	82.50	20.82
3DF10	Straight	82.50	20.82
3DF11	Straight	80.00	20.82
3DF12	Straight	69.85	20.82
3DF13	Straight	106.68	20.82

If you have a requirement for something that isn't listed, please get in touch, we have the capability to develop and rigorously test bespoke filters to meet your product and casting requirements

For more information, please contact Investment Casting Supplies: