



KGT SINTERED POWDER METAL FILTER

ABOUT



The KGT Powdered Sintered Stainless Steel Filter cartridge has a constant pore structure achieved with controlled sintering of SS metal powder imparting it mechanical strength and wide range of chemical compatibility with consistent efficiency.

Apart from the wide chemical compatibility, the filters are suitable for either gas or liquid having a high dP holding capacity.

The KGT Powdered Sintered Stainless Steel Metal Filter cartridge is available in SS304/SS316 and SS316L.

ADVANTAGES

- Due to wide range to media selection, a variety of liquids from acids to alkalis; from seawater to process water; and in gases from air to fuel gas to hot exhaust gases.
- Standard dimensions of 2.5" outer diameter and 1" internal diameter ensures fitment in most standard housings with varied length availability. (other dimensions are available on request)
- Available in 10 / 20 / 30 / 40 / 60 inches length. (Other lengths available on request.)
- A depth ranging between 2-3.5 mm os sintered stainless steel ensures optimal strength to withstand differential pressure.



DIFFERENTIAL PRESSURE DATA

For Normal Flow from Outside to Inside for liquids compatible with the filter media, the maximum differential pressure is 1.5 bard (22 psid) @ 75°C.

APPLICATIONS

Corrosive Fluids

Steam

Amine, Glycol

Thermic Fluids

High Temperature applications in liquids and gases





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PART NUMBERING GUIDE

Filter Element Part Number : KGT - ● - ■ - PSS - ◆ - ▲

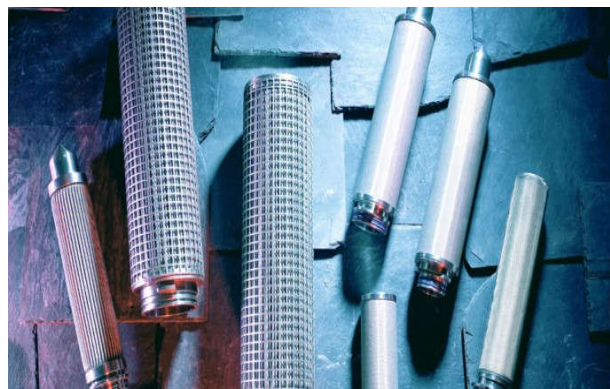


Short Code	Description	Short Code	Description
010	1 μ m	020	2 μ m
030	3 μ m	050	5 μ m
100	10 μ m	200	20 μ m
300	30 μ m	400	40 μ m
500	50 μ m	700	70 μ m
1000	100 μ m	2000	200 μ m

(Other Removal Ratings are available as per requirements. Efficiency of the filter will be 99.9%)



Short Code	Description Length (inches)
10	10
20	20
30	30
40	40
60	60



Short Code	Seal Material Of Construction
N	Nitrile
E	EPDM
S	Silicone
V	Viton® A



Short Code	Filter Fitment Style
7	Size 226 double O-rings, flat top
0	Double Open end with Gaskets
3	SOE with NPT Threads

(Viton® is a registered trademark of Chemours Company.)

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