

# STAINLESS STEEL WIRE MESH FILTER CARTRIDGES



## APPLICATIONS

- High viscosity liquid filtration
- Natural or process gas
- Fuels and lubricants filtration
- Corrosive fluids compatible with stainless steel
- Potable and process water filtration
- Beverages filtration
- Detergents filtration
- Solvents filtration
- High temperature fluid filtration

Filter elements designed for removal of solid contaminants present in liquids or gases, where the process requires the use of SS304 and SS316 metal meshes for critical filtration, even at medium-high temperatures, where particularly fine filtration grades are not required..

## TECHNICAL SPECIFICATIONS

- The filtering media is made of selected metallic wire of SS304 or SS316
- Available in pleated or cylindrical version. Filtration rating from 10 to 1000 microns
- Lengths from 4" to 40". Standard external diameter 68 mm.
- High flow rates with very low pressure drop. Various end configuration options available.
- Special constructions on request. Suitable for installation in the housings of the main filter manufacturers.
- Maximum operating temperature
  - 250°C calking version (G)
  - 450°C argo welded version (S)
  - 160°C Epoxy bonded version (I)

FILTRATION AREA cmq		
LENGTH	CRP	CRL
4"	500	200
10"	1600	500
20"	3200	1000
30"	4800	1500
40"	6400	2000

ORDERING CODE						
<b>CRP</b>	<b>20</b>	<b>-</b>	<b>G</b>	<b>S</b>	<b>-</b>	<b>10 A V</b>
<i>Example: CRP20-GS-10AV = SS 316pleated mesh filter cartridges 20μ retention, calking version, length 10", DOE, Viton gasket</i>						
Construction	Filtration rating	Sealing end cap type	Material	Length	End configuration	Gasket material
<b>CRP=</b> Pleated  <b>CRL=</b> cylindrical	<b>10=</b> 10 μ <b>15=</b> 15 μ <b>25=</b> 25 μ <b>40=</b> 40 μ <b>75=</b> 75 μ <b>100=</b> 100 μ <b>150=</b> 150 μ <b>250=</b> 250 μ <b>500=</b> 500 μ <b>1000=</b> 1000 μ	<b>G</b> = calking (without bonding)  <b>S</b> = argo welding  <b>I</b> = Epoxy bonfing	<b>G</b> = SS304  <b>S</b> = SS 316  <b>L</b> = SS 316/316L	<b>10=</b> 250 mm <b>20=</b> 500 mm <b>30</b> = 750 mm <b>40</b> = 1000 mm	<b>A</b> = DOE <b>3</b> = cod. 3 <b>7</b> = cod. 7 <b>8</b> = cod. 8 <b>X</b> = special	<b>E</b> = EPDM <b>B</b> = Nitrile <b>S</b> = Silicone <b>V</b> = Viton <b>P</b> = PTFE

*Easy Filtration can also supply filter elements in sintered mesh. Several layers of stainless steel mesh are sintered together to form a more porous product. Filtration grades available from 1 to 100 microns. With this type of construction, greater resistance to pressure and mechanical strength are obtained. They are easy to wash and can be used for backwash.*