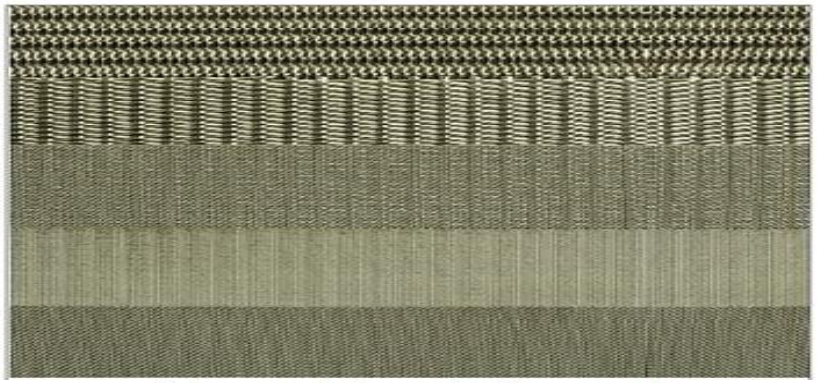
Stainless Steel Wire Mesh Filter

Sintered stainless steel wire mesh filter element is a type of filter that is made by sintering multiple layers of stainless steel wire mesh together. Sintering is a process that involves compacting and heating a material without melting it, which causes the particles to fuse together and form a solid mass.

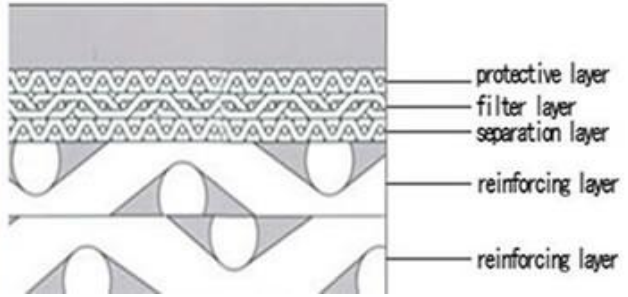
Item Name	Stainless Steel Wire Mesh Filter
Material	stainless steel
Grade	SS 316L, SS 304L, SS 316, SS 304
Specification	OD: Max. 200mm Length: Max. 1500mm
Accuracy / Pore Size	0.2um-200um
Porosity	30%-60%
Temperature resistance	≤300℃
Technique	Sintering Process
Surface	Smooth, clean and metallic
Application	Metallurgy, electronics, medical, chemical, petroleum, medicine, aerospace, and other industries

Different types of connectors

Stainless steel wire mesh filter element consists of multiple layers of wire mesh that are stacked and then sintered together. The sintering process creates a solid bond between the wires, resulting in a robust and durable filter element that can withstand high temperatures, pressures, and corrosive environments.



5-layer sintered wire mesh



Stainless steel wire mesh filter element has several advantages. First, it has a uniform and controlled pore size, which ensures consistent filtration performance. Second, it has a high dirt-holding capacity. Third, it has excellent mechanical strength. And it also can be cleaned and reused.

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