

SCOTTCART STEEL

STAINLESS STEEL FILTER CARTRIDGES FOR PARTICLE REMOVAL IN LIQUIDS, GAS, AND STEAM

DESCRIPTION

ScottCart Steel are especially developed for removing particles from liquids, gas and steam. These are wire cloth sintered stainless steel filters with multiple layers of 304/316L sintered stainless steel wire cloth that result in superior strength and thermal and corrosion resistance.

ScottCart Steel stainless steel depth filter cartridges contain sintered, homogeneous, 0.4 mm thick non-woven stainless steel mesh layers, which are reinforced on both sides by mesh supports. These filters are used for removing particles from liquids and gas (steam). ScottCart Steel filter cartridges offer the user maximum security along with low filtration costs.

PRODUCT BENEFITS

- High dirt-handling capacity
- High mechanical stability
- Homogeneous material construction
- Leak-proof connections between end caps and filter unit

QUALITY CONTROL

ScottCart Steel cartridges are designed, developed and manufactured in accordance with a DIN ISO 9001 certified Quality Management System.

DESCRIPTION

RETENTION RATE: 3 µm

FILTER AREA: 10" element: 500 cm² (effective filter area)

MATERIALS:

Sintered non-woven stainless steel media, reinforced on both sides with sintered-on mesh.

CARTRIDGE AREA	MATERIAL
FILTER MEDIA:	AISI 316 L
SUPPORT MESH:	AISI 304/316 L
OUTER SUPPORT:	AISI 304/316 L
CORE:	AISI 304/316 L
END CAPS:	AISI 304/316 L
GASKETS:	Silicone*

*Standard: also available in Viton and EPDM

OPERATION PARAMETERS

Max. differential pressure:

≤ 20 bar, in the direction of filtration

≤ 1 bar, opposite to the direction of filtration

RESISTANCE & COMPATIBILITY

RESISTANCE	COMPATIBILITY
THERMAL:	Up to 200°C/392°F (not with silicone sealing)
CHEMICAL:	Inert to caustic solutions, solvents not compatible with aggressive and relatively high concentrations of acid (≥ 5%)

Particle Retention Rating 3 µm ScottCart Steel

