

acuraScreen Stainless Steel Mesh Filter Cartridges

acuraScreen stainless steel filter cartridges are made of woven metal filter mesh fixed on a stainless steel support. Fine meshes are equipped with an additional drain mesh. Depending on the micron rating we use plain square mesh (>100µm) or twilled weave.

The cartridges are regenerative and can be cleaned with several treatments (manuel, with high-pressure, in the ultrasonic oder acid bath). They are used especially for high temperatures, high viscosities or for corrosive mediums. Stainless steel filter cartridges are available double open end or with the established adaptors.



TECHNICAL DATA

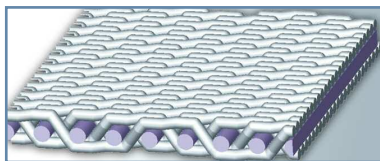
acuraScreen

Material	Micron rating	Temperature
1.4301 / 1.4401	1 - 3000 µm	max. 400°C (mind the gasket)
Max. differential pressure	Cartridge length	I.D. / O.D.
6 bar	5" - 30"	27 / 65 mm

CHARACTERISTICS

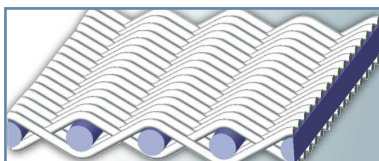
- High solidness, self-rigidity
- High chemical / thermal persistence
- Plain surface structure
- High flow rate
- No debonding of particles
- Equably sized filter pores
- Easy to clean

Twilled weave filter mesh



The twilled weave braids for monofilaments is the smallest filter pore with a plain mesh surface. The large cross section of material ensures high strength. Micron rating range 1-20 µm

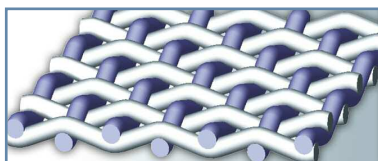
Betamesh® filter mesh



Betamesh® filter mesh stand out for high flow rates, high dirt pick-up capacity and excellent back-flushing properties.

Micron rating range 20-90 µm

Square mesh



Square mesh are defined by the diameter of werft wires and warp wires as well as the distance of wires to one another. They are very dimensionally stable. Micron rating range 100-3000 µm

ORDERING INFORMATION

Sample: AS-09GB-F1P-0050 (248 mm length; surface plain; mesh: Betamesh; DOE; gasket: PTFE; 50 µm)

Product	Length	Surface	Mesh	Adaptor	Gasket	Micron rating
AS	05 = 5"	G = plain P = pleated	K = twilled weave B = Betamesh Q = square mesh	F1 = double open end* F2 = 222 adaptor F3 = 222 adaptor with fin F4 = 226 adaptor F5 = 226 adaptor with fin F6 = R 1 1/4" AG with hexagon *only NBR or PTFE available	A = without N = NBR E = EPDM F = FPM P = PTFE S = FEP/FPM	0001 = 1 µm
	09 = 9 3/4"					0050 = 50 µm
	10 = 10"					3000 = 3000 µm
	19 = 19 1/2"					
	20 = 20"					
	29 = 29 1/4"					
	30 = 30"					

Subject to technical alterations.
AL1025-01-E

acuraLine®