*acura*Plate

Stainless Steel Compound Mesh Cartridges

*acura*Plate stainless steel compound mesh cartridges are made of multi-layered sintered mesh layers. Depending on requirement Topmesh or Absolta meshes are used.

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 compound mesh cartridges are available with double open end or with the established adaptors.

TECHNICAL DATA   *acura*Plate

Material	Micron rating	Temperature
1.4301 / 1.4401	1 - 500 µm	max. 400°C (mind the gasket)

Max. differential pressure	Cartridge length	I.D. / O.D.
4 bar : TOPMESH (3 layers) 6-8 bar : ABSOLTA (5 layers)	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
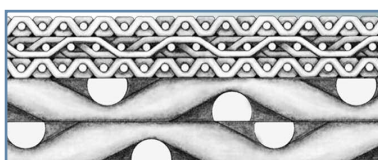• Easy to clean

TOPMESH (3-layers)
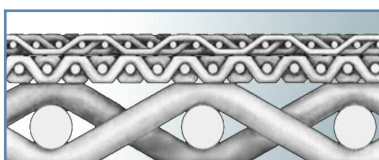
Available micron ratings:
2 µm - 500 µm

Structure:
Filter mesh (square mesh or twilled weave)
Support mesh (square mesh)
Support mesh (square mesh)

ABSOLTA (5-layers)

Available micron ratings:
2 µm - 500 µm

Structure:
Safety mesh (twilled weave)
Filter mesh (square mesh or twilled weave)
Support mesh (square mesh)
Support mesh (square mesh)
Support mesh (square mesh)

ORDERING INFORMATIONS

Sample: APL-10GT3-F5E-002
(254 mm length; plain surface; mesh: TOPMESH 3-layers; 226 adaptor with fin; gasket: EPDM; 2 µm)

Product	Length	Surface	Mesh	Adaptor	Gasket	Micron rating
APL	05 = 5" 09 = 9 3/4" **10 = 10"** 19 = 19 1/2" 20 = 20" 29 = 29 1/4" 30 = 30"	**G** = plain	A = Absolta **T3** = TOPMESH 3-layer	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" with hexagonal *only NBR or PTFE available	A = without N = NBR **E** = EPDM F = FPM P = PTFE S = FEP/FPM	**002** = 2 µm ⋮ 050 = 50 µm ⋮ 500 = 500 µm

Subject to technical alterations.
AL1026-02-E

*acura*Line®