

acuraCap

Laboratory, Ventilation And Air Vent Filter Capsule

The compact and pleated **acuraCap** filter capsules have been designed especially for small filtration amounts and do not require any pressure vessel as conventional filter cartridges do. **acuraCap** filter capsules are often in use in laboratories, but they are also used for ventilation and air vent of tanks.

The capsules are completely encapsulated and have an air vent and a drain.

TECHNICAL DATA

acuraCap

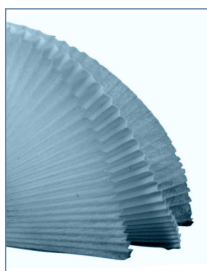
Material	Filter area	Pressure / Temperature
polypropylene (housing) PP / PTFE (matrix)	0,1 m ²	max. 3,5 bar max. 60°C
Differential pressure	Volume	Micron rating
Fluids: 3,5 bar at 23°C / 3,0 bar at 60°C Gases: 3,0 bar at 23°C / 2,5 bar at 60°C	200 ml	0,1 - 20 µm absolute

CHARACTERISTICS

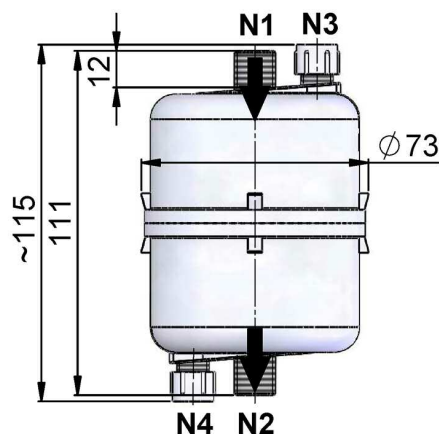
- Pleated structure, absolute deposition rates, various filter rates
- Entirely made of polypropylene or additional with PTFE matrix
- Contain no O-rings or metal components
- Free of adhesives / binding agents by heat-sealing
- Small rest volume = minimum loss of product
- No need of housing

APPLICATIONS

- Laboratory filter, test filter for small volumes
- Process filtration in CD / DVD production
- Photo emulsions
- Ultrapure chemicals
- Deionised water
- Ventilation and air vent filter



pleated filter layers



ORDERING INFORMATION

Sample: **AKP-03PN-F6A-001** (PP capsule, not pre-flushed, thread MNPT 1/4", micron rate: 0.1 µm)
AKF-03PN-F6A-002 (PP/PTFE-capsule, not pre-flushed, thread MNPT 1/4", micron rate: 0.2 µm)

Product	Filter size	Material	Pre-flushing	Connection	Micron rate
AKP	03 = ~63,5 mm	P = polypropylene (housing/ matrix)	N = not pre-flushed	F6A = external thread MNPT 1/4"	001 = 0.1 µm 002 = 0.2 µm 005 = 0.5 µm 010 = 1.0 µm 030 = 3.0 µm 050 = 5.0 µm 100 = 10 µm 200 = 20 µm
AKF	03 = ~63,5 mm	P = PP (housing) PTFE (matrix)	N = not pre-flushed	F6A = external thread MNPT 1/4"	002 = 0.2 µm

Subject to technical alterations.
AL1041-02-E

acuraLine®