Filtration Group®
Process Systems

amaCera

Filter cartridge
amaCera PC5

Porous ceramic filters are used for solid particulate removal in liquid and gas applications. The amaCera PC filter cartridge is specially designed for the polishing filtration of liquid sulphur. These rugged porous ceramic cartridges are manufactured by fusing aluminium oxide grains using a porcelain bond to form a strong, uniformly porous and homogeneous structure.

Features

- Temperature resistant to 800 °C (can be limited by the use of gasket or sealing material)
- High corrosion resistant
- Very strong mechanical characteristics
- Abrasive resistent
- Absolute filtration rating
- Easy cleanable
- High solid capacity

Cartridge filter housing

Filtration Group supplies a wide range of cartridge filter housings in different materials, dimensions and models to meet your demands.

For detailed information about filter housings, please see the respective data sheets or visit www.ama-lfc.com

Typical application

- Liquid sulphur
- Solvent
- Hot gas filtration
- Liquid backwash
- Corrosive fluids
- Chemicals
- High temperature procesess

Standard Specification

- Filter medium: aluminum oxide
- Gaskets: silicone, Viton®
- Outer diameter: 60 mm
- Length: 10, 20, 30 or 40 inch
- Temperature resistant to 800 °C (can be limited by the use of gasket or sealing material)
- Maximum pressure (forward pressure) : 34 bar

Cleanability

The ceramic PC cartridge is cleanable by a variety of methods, depending on the type of contaminant. Cleaning methods like backwashing, oven firing, solvent cleaning, steam cleaning and ultrasonic cleaning.

www.ama-lfc.com

amafilter® Filtration Group®

LFC Lochem® Filtration Group®

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Ordering information

	1	2	-	3		-	4
Example	P C	5	-	1	0	-	V

1 Type

PC	=	aluminium oxide

2 Micron rating [µm]

PC	=	5

3 Cartridge (nominal) length [inch]

10	=	254 mm
20	=	508 mm
30	=	762 mm
40	=	1016 mm

4 Cartridge style

X4	=	DOE with flat gasket

5 Gasket material

V	=	Viton®

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