



acuraOil

Oil adsorption filter cartridge

The **acuraOil** filter cartridges made from a new material which is cellulose-based. This material may bind dissolved, emulsified and dispersed oil from water by chemical adsorption. In a single pass, a retention rate of up to 95% is achieved. Greater efficiency can be achieved by cascading two or three units. The unique design allows much higher flow rates compared to activated carbon with the lowest differential pressure. Bypass channel formation is impossible. Applications are available in the chemical and metal industry, for example, the material may be used for cleaning of contaminated surface water, bilge water in ships, condensate from compressors, and many other applications.



TECHNICAL DATA

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Material/ filter area	Oil adsorption load	Temperature
cellulose / polypropylene	up to 2,5 kg	max. 80°C
Cartridge length		Gasket
9 3/4" = 248 mm	20" = 508 mm	NBR (Buna)

OIL ADSORPTION LOAD

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Diameter	9 3/4"	20"
70 mm	360 g	720 g
117 mm	1290 g	2580 g

CHARACTERISTICS

- Constant adsorption
- High flow rates
- Retention of emulsified and dispersed oil
- Low differential pressure
- Operation temperature up to 80°C
- High load capacity
- Can be used in all standard filter housings

DESIGN

The acuraOil material is wound on a support core and held in place by a net made up of an end cap with a flat gasket.

Other end caps on request:

- 222 - adaptor
- 226 - bayonet adaptor

ORDERING INFORMATION

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AOA-09BB-F0N

Cartridge type AOA = acuraOil	Gasket N = NBR
Cartridge size 09 = Ø 70 x 248 mm 20 = Ø 70 x 508 mm 09BB = Ø 117 x 248 mm 20BB = Ø 117 x 508 mm	Connection F0 = DOE - flat adaptor

Subject to technical alterations.
AL1040-00-E

acuraLine®

