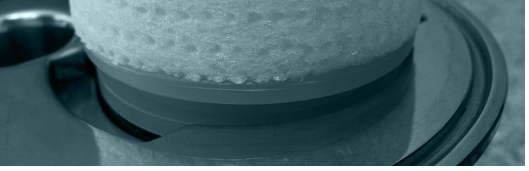


FUHR

*acura*Bond

Filter cartridge completely made of Polypropylene or Polyester

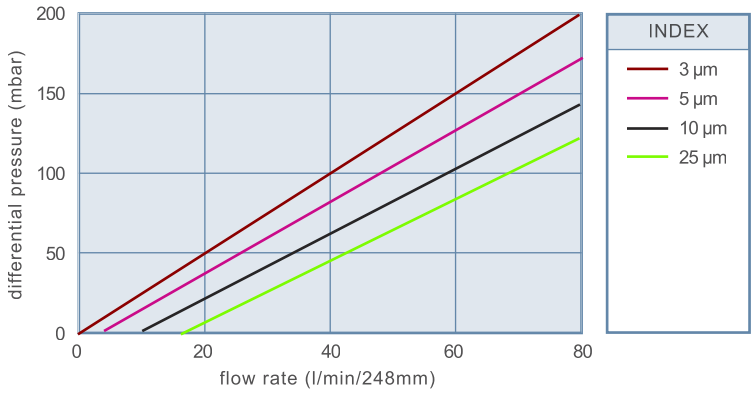
Unique Bi-Component Fibre-Technology -
Polyethylene wrapped Polypropylene fibre or copolymer wrapped Polyester fibre

Thermally welded together - innovative production process makes sure that every fiber is welded together in the crossroad area with each other, hence, **no fiber release**.

Controlled pore size -
Guarantor for constant filter quality

Reproduceable filtration behaviour -
The filter cartridges are produced of fibers with defined diameter after a patented procedure that certain absolute pore dimensions are guaranteed

FLOW RATE



*acura*Bond Benefits

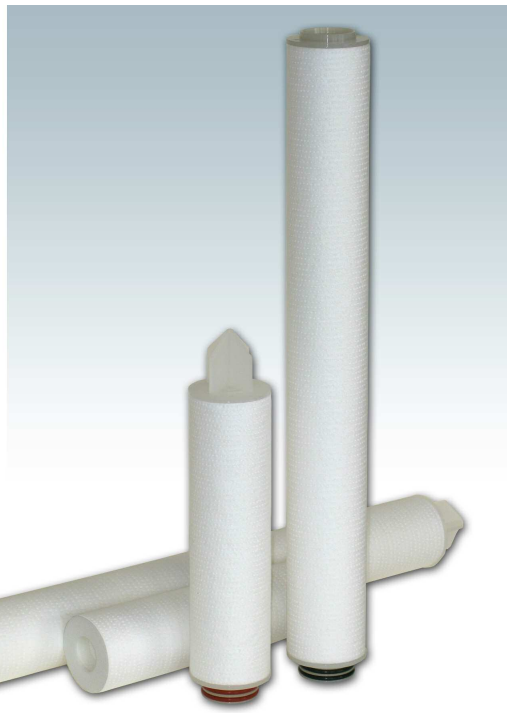
ROBUSTLY AND SELFSUPPORTING - in the inside the fibers welded together in very high density with each other prove a firm structure which admit a difference pressure of 5.5 bar and make an additional supporting body superfluous.

HIGH FLOW RATES - controlled pore structure with high permeability prove unusual low pressure loss and high flow rates.

LONG SERVICE LIFE - The deep filter structure, the low pressure loss and the high pressure permanence protect the filtration result and reduce the operating expenses by long state times.

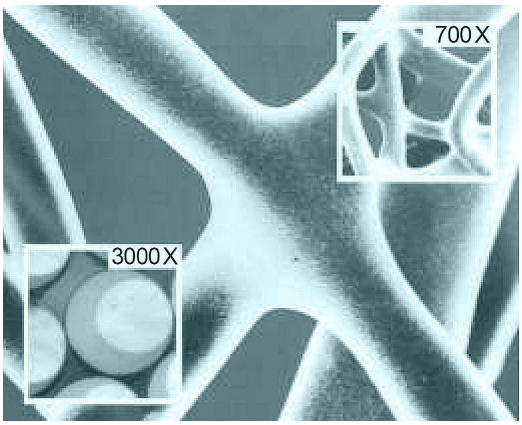
WIDE CHEMICAL COMPATIBILITY - This allows the *acura*Bond application for the filtration of the most different liquids.

EXTENSIVE PROGRAM - separation efficiencies of from 2 to 200 µm, 5 different construction lengths to 50" and all customary final caps or adaptor configurations guarantee an optimum solution of many filtration uses.



*acura*Bond Filter construction

The newest technological production procedures during the fiber production made the development of these long Bi-component fibres which exist by a core of Polypropylene and a sheath from Polyethylene (type PP) or Polyester with Copolymer-Polyester cover (type HP), only possibly. The fibers can be welded together by the different glaze points of these two different materials in her crossroad points with each other thermally, without a shrivelling of the Polypropylene (Polyester) and therefore the filter matrix must be accepted. This process requires no net means or binding agent. The construction-conditioned structural high firmness protects steady filtration qualities also under high axial pressure.



Subject to technical alterations.
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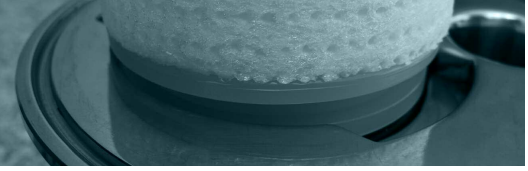
*acura*Line®



TECHNICAL DATA

*acura***Bond**

Material	Micron rate	Temperature
Type PP : Polypropylene and Polyethylen wrapping Type PS : Polyester and Copolymere Polyester wrapping	5, 10, 25, 50, 75, 100, 125 and 200 µm	Type PP : 80°C Type PS : 120 °C

Differential pressure	Deliverable cartridge lengths	AØ / IØ
max. 5,5 bar at 20°C	9 3/4“, 10“, 19 1/2“, 20“, 29 1/4“, 30“, 39“, 40“ and 50“	64 / 27 mm

APPLICATION AREAS

- Varnish and coatings
- Drinking water, process water
- Pharmaceutical products
- Cosmetics and food
- Fine water
- Photo liquids
- Oxidation baths
- Inks and paints
- Plastics
- Organical solvents (alcohol etc.)
- Hydro carbones
- Magnet belt suspensions

ORDERING INFORMATIONS

Sample : ACB-10PP1-F1A-005 (254 mm length, double open end, 5 µm)

Product	Length	Material	Type	Connection	Gasket	Micron rate
ACB	09 = 9,75” 10 = 10” 19 = 19,5” 20 = 20” 29 = 29,25” 30 = 30” 40 = 40”	PP = Polypropylene PS = Polyester	1 = one-layer	F1 = double open end F2 = 222-adaptor F3 = 222-adaptor with fin F4 = 226-adaptor F5 = 226-adaptor with fin	A = without N = NBR E = EPDM F = FPM P = PTFE S = FEP/FPM Q = MVQ	005 = 5 µm 010 = 10 µm 025 = 25 µm 050 = 50 µm 075 = 75 µm 100 = 100 µm 125 = 125 µm 200 = 200 µm

Subject to technical alterations.
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*acura***Line®**