



Filtertechnik Jäger GmbH

Cora®Pleat S Filter Element

Pleated Filter Element for Bag Filter Housings

- Improves existing filter Installations
- Fits most of standard Bag Filter housings
- Requires a special restrainer basket
- Pressure resistant due to accuracy fitting
- Filter rating up to 99% efficiency*
- Filter area up to 7,5 m² /Element **
- Wide range of filter media
- Simply and easy to handle
- Retention absolute and nominal **
- More fine pored filter media available
- Increase existing system performance
- New installation not essential
- Bypass free sealing
- No separate gasket necessary
- Fully thermally bonded design
- Dirt holding on filter inside
- Long lifetime reduce operating cost





Cora®Pleat S

Cora®Pleat S filter elements are designed especially for the use with conventional and in filter applications widely spreaded bag filter housing systems. With the usage of pleated filter material and a special design, manufacturing method, filter elements are generated which make a bag filter system not only more efficient but improve also the economic efficiency significantly.

Bag filters are known as versatile and operator friendly systems. In fact a disadvantage of standard bag filter elements is the relatively small filter

area. This will be eliminated with the Cora®Pleat element. The Cora®Pleat element is equipped with a substantial higher filter area thus increase the filtration efficiency, filter lifetime and if necessary the flow rate of a existing bag filter system.

The well known comfort of easy operating and handling of a bag filter system is preserved.

With the application of Cora®Pleat elements it is easy to upgrade an already installed filter system to increasing requirements. Remodelling, new installations, change of filter type

are avoided or simply not necessary. The Cora®Pleat S Element utilize the available filter housing geometry optimally and requires therefore a special restrainer basket. The accuracy fitting in the restrainer basket achieve a improved pressure resistance, thus results in a better and safe filtration process. A small but very worthwhile investment. The element length size 04 requires a one's own suitable filter housing.

Technical data:

Materials:

Sizes:

Adapter available:

Filter area:

Allowable operating temperature:

Allowable differential pressure:

Recommended differential pressure:

Max. theoretical flow rate:

Recommended flow rate:

Polypropylene or Polyester (PBT)

Size 03: Ø 180 x 708 mm lang

Size 04: Ø 180 x 995 mm lang

Type A & type B

up to 7,5m² depending on filter material type

Polypropylene 80°C

Polyester 130°C

2,5 bar / 20°C

0,8 up to max. 1,5 bar

Size 03: 40 m³/h - size 04: 55 m³/h

Size 03: 20 m³/h - size 04: 28 m³/h



A fully homogeneous welded filter element in one material (Polypropylene or Polyester) with integrated gasket function and length compensation for accurately fitting in the restrainer basket.



Product code
Cora®Pleat S

TYPE
CPL = Cora®Pleat

CPL-

SA-

03-

PP-

A-

5

Type series
SA = SUPRA Type A
EB = SUPRA Type B

Material
PP = Polypropylene
PE = Polyester

Filter rating
A 1,- 3,- 5, -10,
N-1, -3, -5, -10, -25,
-50, -100, -200 µm

* depending on type of filter material and test conditions. ** depending on type of filter media.

*** depending on filter rating and process condition higher flow rates may be applicable.

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