

Filtertechnik Jäger GmbH Cora®Pleat E Filter Element

Pleated Filter Element for Bag Filter Housings

Improves existing filter Installations Fits most of standard Bag Filter housings Suitable with most of standard restrainer baskets 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 E

Cora®Pleat E 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®Pleatelement. 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.



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 01: Ø 180 x 295 mm lang Size 02: Ø 180 x 680 mm lang

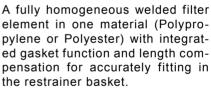
Type A & type B

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 01: 20 m³/h - size 02: 40 m³/h

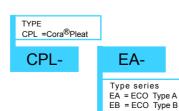
Size 01: 10 m³/h - size 02: 22 m³/h







Product code Cora®Pleat E



01: Ø 180 x 295 mm 02: Ø 180 x 680 mm

02-

Material

PP = Polypropylene

Type of separation N = Nominal A = Absolute PP-

A-

5 Filter rating A 1,- 3,- 5, -10, N-1, -3, -5, -10, -25,

-50. -100. -200 um

^{*} 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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