

Filtertechnik Jäger GmbH Cora®Pleat P 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 Special design for large filter area Filter rating up to 99% efficiency* Filter area up to 10m2 /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

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Cora®Pleat P

Cora®Pleat P 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. A special design (filter element in fil-

ter element) and manufacturing of the Cora®Pleat P Element utilize not only a extremely large filter area but also a improved dirt holding capacity. The available filter housing geometry is utilized optimally. A special restrainer basket is needed, which however fits most of the standard bag filter housings. 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

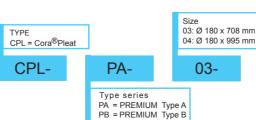
Size 03: 40 m³/h - size 04: 55 m³/h Size 03: 20 m³/h - size 04: 28 m³/h

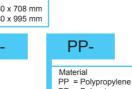




A fully homogeneous welded filter element in one material (Polypropylene or Polyester) with integrated gasket function and length compensation for accurately fitting in the restrainer basket.

Product code Cora[®]Pleat P





Type of separation
N = Nominal
A = Absolute

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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