



# 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 10m<sup>2</sup> /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 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 7,5m<sup>2</sup> 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 m<sup>3</sup>/h - size 04: 55 m<sup>3</sup>/h

Size 03: 20 m<sup>3</sup>/h - size 04: 28 m<sup>3</sup>/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 CPL = Cora®Pleat	Size 03: Ø 180 x 708 mm 04: Ø 180 x 995 mm	Type of separation N = Nominal A = Absolute
CPL-	PA-	A-
	03-	5
	PP-	
	PE-	
Type series PA = PREMIUM Type A PB = PREMIUM 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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