


Cora®Pleat E Filter Element

Pleated Filter Element for Bag Filter Housings

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- 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 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)

01: Ø 180 x 295 mm lang

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



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 E

TYPE
CPL =Cora®Pleat

CPL-

EA-

Type series
EA = ECO Type A
EB = ECO Type B

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

02-

PP-

Material
PP = Polypropylene
PE = Polyester

Type of separation
N = Nominal
A = Absolute

A-

5

Filter rating
A 0,5, 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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