

## ENVIFILTER MATERIALS

### DATASHEET

FILTERMATERIAL TYPE EN 806	
MATERIAL	Polyester
FIBRE THICKNESS	2.7 Decitex
WEIGHT	260 g/m <sup>2</sup>
THICKNESS	0,80 mm
AIR PERMEABILITY	360 m <sup>3</sup> /m <sup>2</sup> /h at Δp = 200 Pa
MAX. WORKING TEMPERATURE	Dry air: 130° C    Humid air 100° C
CHEMICAL PROPERTIES	Resistance to:    Hydrolysis: Bad Acid: Good        Alkali: Medium Water absorption Max: 0,4 % (weight)
FILTER CLASS	M
ACC. TO BIA TEST NO.	2005203624/6210
DUST FLOW ACC. TO BIA TEST WITH TESTEROSOL 3 AT 200 m <sup>3</sup> /m <sup>2</sup> /h	0,1 % Degree of separation.
Degree of separation mg/m <sup>3</sup> .	1,0 MG/M <sup>3</sup> . Please see note below.
UV RESISTANCE	Looses some strength, when exposed for a longer period of time.

- EN 806 is applied for the manufacture of ENVIFILTER cartridges, pleated filter bags and other pleated elements.
- EN 806 separates dust by surface filtration, meaning that the cleaning unit of the filtration system easily cleans off the dust cake.
- EN806 is very easy to clean when fouling due to humidity or fat i.e. sticky products. (See cleaning and washing instructions).
- Applications Grindries – blastcleannng – powder – pharmaceutical – powdercoating – cemetsilos.

Degree of separation is a guiding value and is based on filters in running mode which means that any measurements must be carried after filters have been well implemented.