September 20

ENVIFILTER MATERIALS

DATASHEET

FILTERMATERIAL TYPE EN 806	
MATERIAL FIBRE THICKNESS	Polyester 2.7 Decitex
WEIGHT THICKNESS	260 g/m² 0,80 mm
AIR PERMEABILITY	360 m³/m²/h at ∆p = 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 ACC. TO BIA TEST NO.	M 2005203624/6210
DUST FLOW ACC. TO BIA TEST WITH TESTEROSOL 3 AT 200 m³/m²/h	0,1 % Degree of separation.
Degree of separation mg/m3.	1,0 MG/M3. 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 – blastcleanng – 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.