

Nanotechnology For Less Efficiency Loss

According to Midwesco (www.tdcfilter.com), TurboWEB® (HD) nanotechnology air filtration media is composed of a synthetic material exhibiting efficiency, higher dust-loading capacity and extended durability. Specifically developed for industrial dust collection needs in chemical processing and other applications, TurboWEB is also characterized by:

- Nanomechanical separation processing during the initial media development stages.
- No reliance on electrokinetic charges for initial element efficiency because, due to a natural static dissipation, efficiency gains that may be achieved through electrokinetic charges may quickly be lost.
- A small-pore structure provided by nanofibers to ensure there is no loss of efficiency throughout the life of the filter.
- A low operating pressure drop.
- Performance in a testing lab and in the field.

Source URL (retrieved on 01/27/2015 - 1:12am):

<http://www.chem.info/news/2008/06/nanotechnology-less-efficiency-loss>