

## Efficiency of Filter Media

Further to your recent enquiry we would advise that the Thermal Bonded Polyester filter media that is fitted to all Dantherm Filtration Dust Units has an efficiency of 99.93% under test at 5 fpm filtration velocity with a No.1 fine test dust.

The test dust has a particle size analysis of;

0 to 5 micron	39%
5 to 10 micron	18%
10 to 20 micron	16%
20 to 40 micron	18%
40 to 80 micron	9%

To put this into perspective, the anticipated clean air emission of our cartridge filter units can be given as 1 to 2mg/m<sup>3</sup>. This is far greater than alternative pulse jet bag filters that use traditional needlefelt filter media. The clean air emissions that these filter units achieve are approximately 10mg/m<sup>3</sup>.



---

DANTHERM FILTRATION HOLDING A/S

**Dantherm Filtration Ltd**  
Limewood Approach  
Seacroft  
Leeds. LS14 1NG

Tel +44 (0) 113 273 9400  
Fax +44 (0) 113 265 0735  
[www.danthermfiltration.co.uk](http://www.danthermfiltration.co.uk)

Reg. No. 562216  
VAT GB 169 7754 04  
[info.uk@danthermfiltration.com](mailto:info.uk@danthermfiltration.com)