

Certificate of Conformity

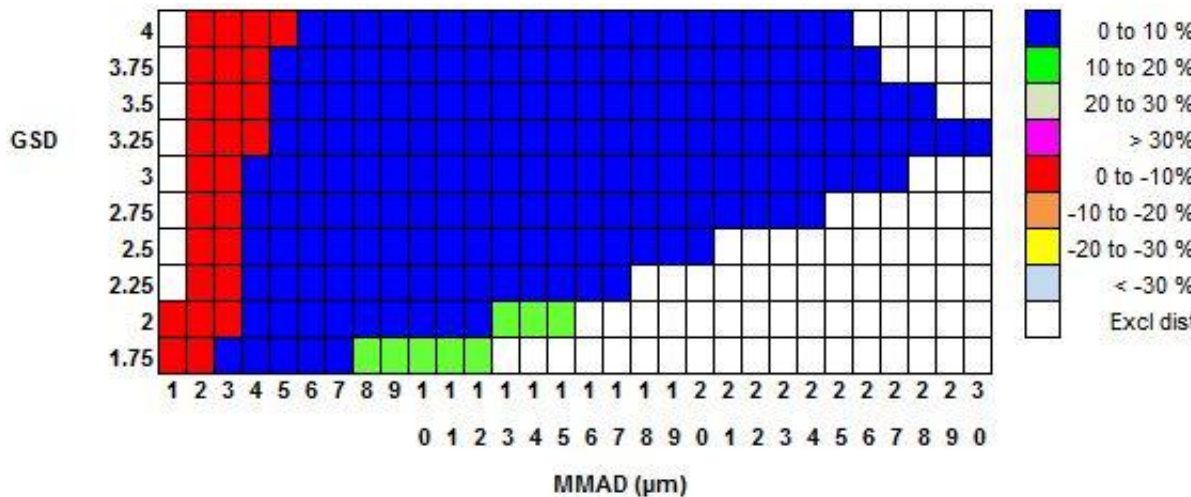
Testing carried out according to methods described in
 BS EN 13205-2 (2014)
 Foam insert for the respirable fraction EN481 (1993)
 Tested at the Health and Safety Laboratory,
 Harpur Hill, Buxton, SK17 9JN



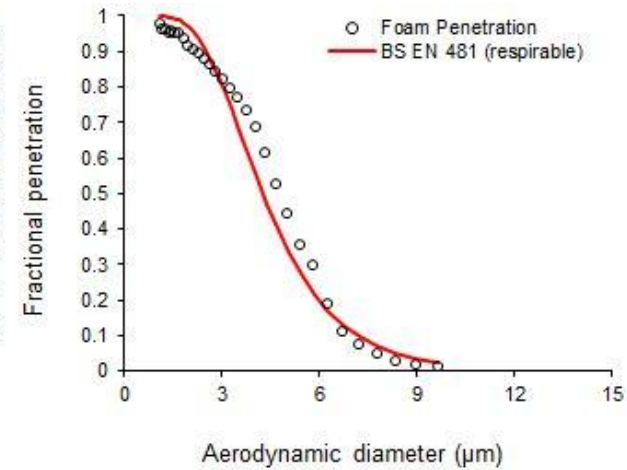
D50 Cut off Particle Size

I.D.	D50 (μm)	Dia. (mm)	Len. (mm)
ZD11	4.79	15.49	8.95
ZD12	4.75	15.42	10.1
ZD13	4.84	15.43	9.27
ZD14	4.93	15.46	8.71
ZD15	4.87	15.39	9.24
ZD16	4.84	15.39	9.38
ZD17	4.89	15.43	9.33
ZD18	4.86	15.38	9.33
ZD19	4.84	15.37	9.64
ZD20	4.93	15.36	9.73
Mean	4.85	15.41	9.37
SD	0.06	0.04	0.39
Target	4.25		

Bias Map
 Foam Insert Batch Reference:
 Batch 2: ZD11-ZD20



Measured Mean Penetration



Sample flow rate: 2 l/min

For a well optimised sampler the relative bias against the sampling convention, when calculated according to the procedures in BS EN 13205-2 (2014), will be <10%

This certificate of conformity indicates that the above foam inserts were tested at the above establishment on the designated date and that the relative bias against the sampling convention was 4%.

Signed: *P. Purvis*

Test Date: March 8th 2019

NB: The results of this test apply to this batch only. Subsequent batches would require testing to confirm conformity with the Bias Performance Criteria.