

EN779:2012 AIR FILTER TEST RESULTS

GENERAL

Test No. 14045	Date of Test 2014-04-01	Supervisor BK	Testing organisation Vokes Air
Test requested by Vokes Air			
Device delivered by Vokes Air			

DEVICE TESTED

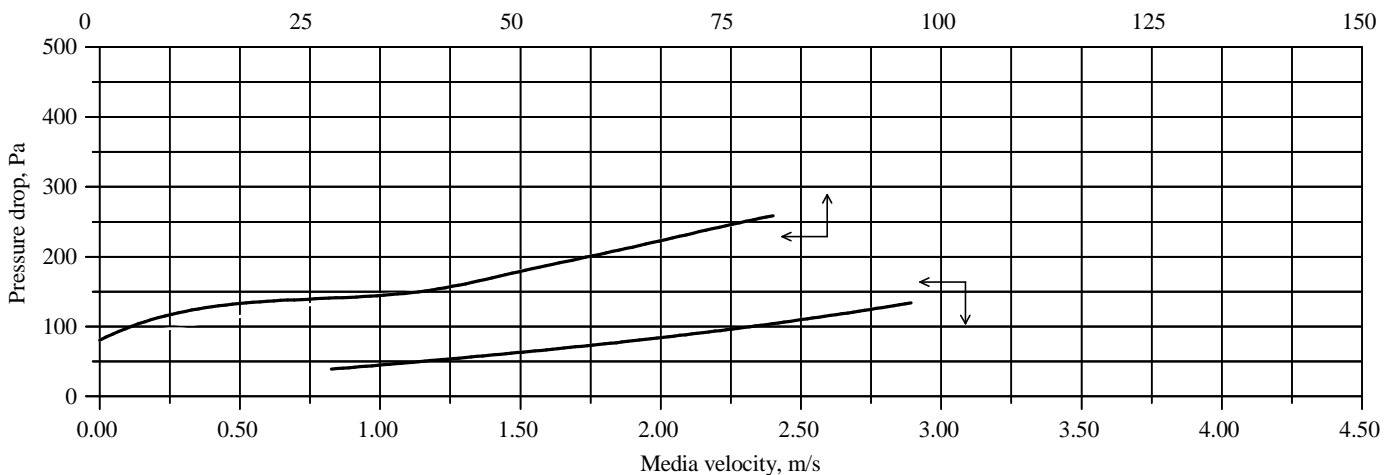
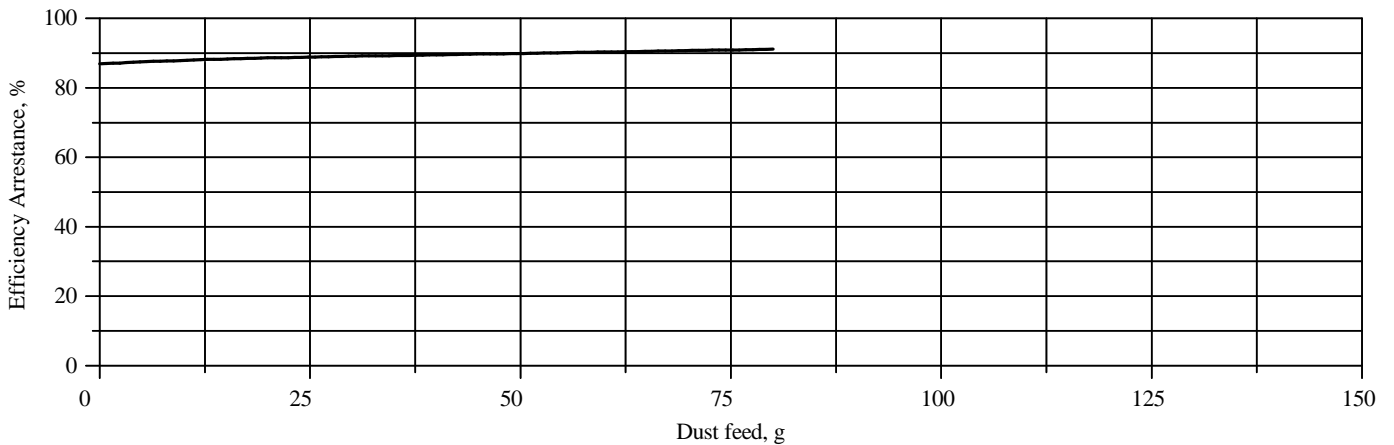
Model 7500	Manufacturer Vokes Air	Received i laboratory 2014-02-14	
Type of Media Synthetic	Net effective filtering area 0,29 m ²	Face Dimensions (w x h) 542x542 mm	Depth 22 mm
Construction Planfilter			

TEST DATA

Test Air flow rate (Media Velocity) 0,47 m ³ /s ± 5 % (1,94 m/s)	Test Air temperature 15,4 - 17,7 ± 0,5 °C	Test Air relative humidity 15,0 - 27,0 ± 2,0 %	Loading dust Ashrae 52/76 batch 7944	Test aerosol
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RESULTS

Initial pressure drop 80 ± 3 Pa	Initial arrestance	Initial efficiency (0,4 µm) -----	Dust Holding capacity (250 Pa) 69 ± 2 g	Dust Holding Capacity per square unit 237±2 g/m ²
Final pressure drop 250 ± 5 Pa	Average arrestance 90,5 ± 2,9 %	Average efficiency (0,4 µm) -----	Filter class (250 Pa) G4	



NOTE The performance results are only valid for the tested item cannot by themselves be quantitatively applied to predict filter performance in service.