

Evaluation of the Oil Vapour Filtration Efficiency Of V Grade Filter Elements for use in Compressed Air Line Filter Housings (Models F1 – F18)

ISO 12500-2:2007

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Test Report Reference: UN2-170606-T5596900-047

Test Standards:

ISO 8573-5:2001 Compressed air: Test methods for oil vapour & organic solvent content
ISO 12500-2:2007 Filters for compressed air - Test methods - Part 2: Oil Vapours

Test Parameters	
Inlet Pressure Test Flow-rate	7 bar (g) [8 bar (a)] 100% rated flow-rate
Dry Differential Pressure (mbar)	≤ 115
Absorbant Filter Life	6 months or 1000 hours (or when oil vapour or odour is detected)
Downstream Oil Concentration (mg/m ³) @ 20°C	≤ 0.003
ISO 8573-1:2010 Air Purity Class	Class 1

Filter elements tested at 100% rated flow at 7 barg [8 bar(a)].
Tested in accordance with ISO 12500-2:2007 for oil vapour.