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Declaration

Filter Element Specification

The elements use specific borosilicate micro glass fibre media which is manufactured to the highest quality standards, employing particle retention efficiency testing using Flame Ionisation Detection.

This technique achieves precise efficiency measurements typically using particles of 0.3 micron diameter.

Filter Element Components:

End Caps	Glass Filled Nylon
Support Cylinders	Perforated stainless steel
Filter Media Pack	Course pre-filter layer, microfibre media, course tertiary layer
Outer Drainage Sleeve	Polyester needle felt
End Cap Binding Resin	Polyurethane
'O' Ring	High Nitrile

Efficiency:

			Oil-Aerosols [mg / m^3]
X25	C	25 Micron	> 5
X5	G	5 Micron	5
X1	F	1 Micron	0,1
XA	S	0,01 Micron	0,01
XAA	N	0,01 Micron	0,001
AC	A	Activated Carbon	0,003 (incl. vapour)

Elements with their filtration efficiency to ISO 12500 at least achieve the limits of compressed air classification according to DIN ISO 8573-1 (class 1 and 2 by stage filtration).

The delivered elements are produced regarding the current technique standards and regarding the quality standards on the market.

The constructive assembling of the components (which are relevant / important for the filtration (fleece, cylinder, etc.)) is identically in its filtration efficiency, independent of the length for the filter element.

Neuss, 19. Mai 2010

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