

Hall Pyke



Compressed Air Filters

Ultrafilter

Silicone Free Filter

The SMART choice for filtration

Ultrafilter Silicone Free Filter

FFP / MFP /SMFP with nanotechnology

Features:	Benefits:
Binderfree, thermally welded nanofilter media	Low differential pressure and high particle load
Oleophobic filter media	Rejects oil and water
Free of silicone and parting agents	recommended for lacquer and optical industry
Pleated filter media	450 % more filtration surface, higher particle load capacity, low air flow speed
Support sleeves of stainless steel (316L)	Extremely large free flow, secure and long operation

- 450 % greater filter media compared to standard elements
- free of parting agents
- silicone-free
- lower differential pressure
- improved filtration efficiency
- greater dirt-capturing capacity
- 70 % less energy costs

Materials of Manufacture

No outer foam sock	According to requirements of automotive industry
Support sleeved inner/outer	Stainless steel 1.4301
Pre- and after filter medium	Pleated Cerex
Filter medium	Binderfree nanofibres of borosilicate
Bonding	Polyurethane
End caps	Aluminium
O-rings	Perbunan, silicon free and free of parting compounds

Retention rate at a particle size of 0,01 µm

FFP	99,999%
MFP	99,99998%
SMFP	99,99999%

Residual oil content at an inlet of 3 mg/m³

FFP	0,1 mg/m ³
MFP	0,03 mg/m ³
SMFP	<0,001 mg/m ³

Max. differential pressure

5 bar at 20°C, independent from operation pressure

Start-up differential pressure

FFP	0,04 bar
MFP	0,08 bar
SMFP	0,09 bar



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