IN-LINE FILTER ELEMENTS

Compressed air & gas filters with multi-layer winding technology

APPLICATIONS

- Compressed air filtration.

ADVANTAGES

- Minimal pressure loss and high permeability.
- Protection of the main filter by pre- and post-filter layer.
- High dust collection capacity.
- Extended service life and a continuously low pressure difference.

CHARACTERISTICS

- Galvanized inner and outer basket (stainless steel for AC types).
- Fiberglass scrim pre and post filter layer.
- Filter medium: borosilicate microglass filter medium.
- End caps: glass fiber filled nylon (33%).
- End cap bonding: two-component epoxy resin.
- O-rings: nitrile rubber as standard.

Protecting your compressed air equipment is vital, so installing the right filter element ensures high quality air & maximum protection of your systems and processes. Contamination can lead to damaged production equipment, system failures and production downtime, ultimately resulting in higher operational costs.
We offer one of the most comprehensive ranges of alternative in-line filter elements on the market today.
Our products are fully interchangeable with the leading names in the compressed air industry and are manufactured in Tiger Filtration's modern facility in Sunderland, UK.
Our products have been independently tested and proven to perform “equally if not better” than the original manufacturer. In achieving our quality certification, we continuously work with the Institute for Energy and Environmental Technology [IUTA] in Duisburg, Germany - in accordance with ISO 8573 & ISO 12500 quality standards; our products meet or exceed the performance of their original counterparts, please contact us for a copy of our certification.
In addition to standard compressed air, we produce a range of products to work in high temperature sterile applications, compressed natural gas [CNG] and hot ammonia.

- **Recognised supply chain:** in addition to filter elements, our supply range also includes; filter housings, O-rings and drains. Please contact us for more information.
- **Rugged Design:** We work with the leading filtration media manufacturers to ensure maximum particle retention while maintaining an exceptionally low pressure differential throughout the life cycle of our product. From installation to replacement, we guarantee complete satisfaction.
- **Intelligent design:** Our standard elements feature a polyester needle felt sleeve that can withstand a constant operating temperature of 120°C / 248°F. We also produce elements that perform in harsh environmental applications such as high temperatures and hot ammonia. On request, the elements can be supplied with outer sheaths of different materials.
- **Solid construction:** our products come standard with both internal and external support cylinders.
- **Fast production and delivery:** Interfilter has a large part of the delivery program in stock. Items that are not in stock can be produced within a few days.

MARCH 2024

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FILTER GRADE	MICRON RATING	RETENTION RATE	INITIAL DP	OIL SATURATED DP
M25	25 micron	-75%	30 mbar	50 mbar
M5	5 micron	-85%	40 mbar	75 mbar
M1	1 micron	-99.999%	75 mbar	150 mbar
M0	0.1 micron	-99.99998%	90 mbar	220 mbar
MX	0.01 micron	-99.99999%	100 mbar	250 mbar
MXX	0.01 micron	-99.99999%	120 mbar	260 mbar
AC	0.003mg/m³	n/a	75 mbar	n/a

FILTER GRADE	ISO 8573 CLASS	SOLID PARTICLES (MICRON)			OIL
		0.1-0.5	0.5-1.0	1.0-5.0	(including aerosol, liquid & vapor mg/m3)
M25	4	n/a	n/a	1,000	5
M5	3	n/a	10,000	500	1
M1	2	100,000	1,000	10	0.1
M0	1	100	1	0	0.01
MX	1	100	1	0	0.01
MXX	1	100	1	0	0.01
AC	1	n/a	n/a	n/a	0.003

ALTERNATIVES FOR INCLUDING:

ABAC
ALMIG
Altas Copco
AFE
Becker
Busch
Ceccato
Compair
CTA Deltech
Domnick Hunter
Donaldson
Edwards Friulair
Hankinson Hiros
HPC
Hydrovane
Ingersoll Rand
Kaeser
Leybold Mark
Mattei
Mikroper
MTA Omega
Omni Parker
Pneumatech
Puska
Rietschle
Sullair
Ultrafilter
Walker
Worthington
Greyssensac
Zander Zeks

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