

PRODUCT FAMILY

Filter Cartridges

AEW Valves offers polypropylene depth-filtration cartridges — spun / melt-blown and precision-wound — in a wide range of micron ratings, lengths and end-cap configurations to suit individual filtration requirements.

Spun / Melt blown Filter Cartridge

DEPTH FILTRATION

AEW Valves offers Spun / Melt blown Filter Cartridges for dependable depth filtration across a wide range of industrial applications. Their graded polypropylene media helps capture suspended particles efficiently while maintaining good flow and low pressure drop. Available in different micron ratings, lengths and end-cap configurations to suit individual filtration requirements.

PARAMETER	DETAIL
Filter Media	100% Polypropylene
Micron Rating	1, 3, 5, 10, 20, 25, 30, 50, 75 & 100 µm
Length	10", 20", 30", 40", 50", 60", 70" & Customized
Standard OD / ID	61 ± 0.5 / 28 ± 0.5 mm
Jumbo OD / ID	110 ± 0.5 / 28 ± 0.5 mm
Maximum Temperature	180°F (82°C)
Initial Pressure Drop	0.2–0.6 psi at 19–76 LPM, depending on length and micron rating
O-Ring / Gasket	Silicone, FKM, Buna-N, EPDM
End Cap Options	Polypro-226, Polypro Core/Extender, Flat/Closed, Poly-222, Fin

Key Features

- ✓ Multi-layer depth filtration
- ✓ High filtration efficiency
- ✓ High flow rates
- ✓ Low pressure drop
- ✓ Centre core for strength
- ✓ Consistent filtration performance
- ✓ Customizable configurations

Wound Filter Cartridge

DEPTH FILTRATION

AEW Valves offers Wound Filter Cartridges for applications where reliable depth filtration and high dirt-holding capacity are required. The precision-wound filter media provides effective particle retention through the depth of the cartridge while maintaining steady flow performance. Different micron ratings, lengths and end-cap options are available to meet varying process requirements.

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Filter Media	100% Polypropylene
Micron Rating	1, 3, 5, 10, 20, 25, 30, 50, 75 & 100 µm
Length	10", 20", 30", 40", 50", 60", 70" & Customized
Standard OD / ID	63 ± 0.5 / 28 ± 0.5 mm
Jumbo OD / ID	110 ± 0.5 / 28 ± 0.5 mm
Maximum Temperature	180°F (82°C)
O-Ring / Gasket	Silicone, FKM, Buna-N, EPDM
End Cap Options	Polypro-226, Polypro Core/Extender, Flat/Closed, Poly-222, Fin

Key Features

- ✓ True depth filtration
- ✓ High dirt-holding capacity
- ✓ Effective particle retention
- ✓ Good flow rates with low pressure drop
- ✓ Wide range of configurations
- ✓ Long service life
- ✓ Customizable to process requirements