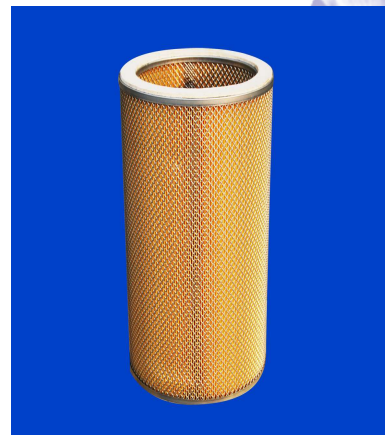


Medium Temperature Dust Filter Cartridges

The P-DS MT series filter cartridge is a composite of pleated cellulose and polyester fiber and ensures high efficient removal of dust particles in air, hydrogen, natural gas and other industrial gases.

This filter is recommended for medium temperature applications with peak temperatures up to 150°C. The polyester reinforcement stabilizes the cellulose and provides greater moisture resistance. Its pleated structure maximizes the effective filtration area which assures high flow rate, low differential pressure and an ultimately longer service life. The filter has an inner and outer metal mesh for support and protection of the filter media.

Due to its high effective filtration area and high efficiency media, this filter provides a high solid removal efficiency which ensures optimum protection of downstream equipment.



Available Dimensions:

Inside / outside diameters [mm]:
170/230; 220/280; 270/330; 350/410
Lengths [mm]: 500, 600, 750
Additional sizes upon request.

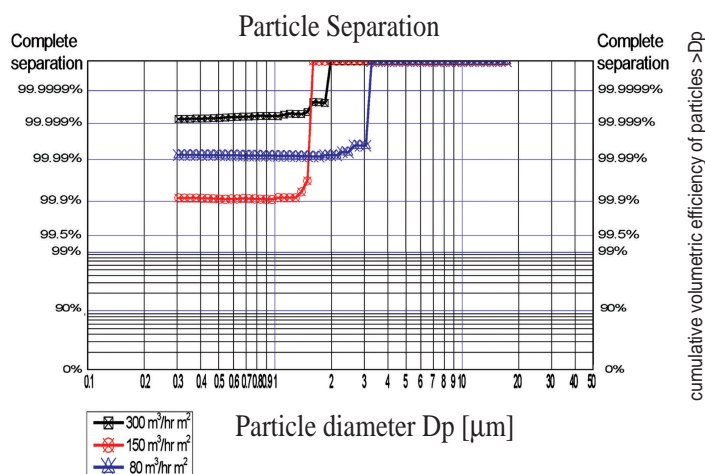
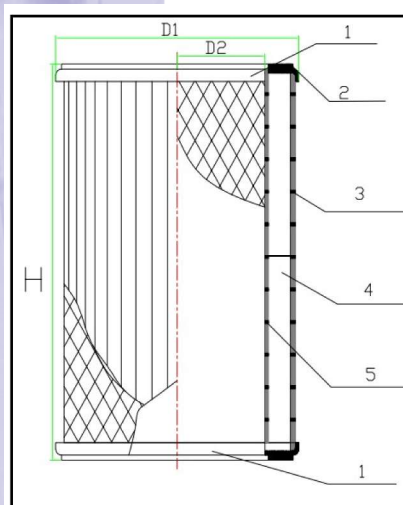
Performance Specifications:

- Filter efficiency: refer to graph
- Flow direction: from outside to inside
- Maximum allowable differential pressure: 1.5 bar
- Recommended change cartridge differential pressure: 800-1000 mbar
- Maximum operating temperature: 120°C;
short peak temperatures of max. 150°C (max. 20 min.) are acceptable.

Product Specifications:

Materials of Construction

Filter Media (4): Resin impregnated high cellulose grade with 20% water repellent polyester fibers. Inner Core (5): Q235 perforated galvanized steel
Outer Core (3): Q235 perforated galvanized steel
End Caps (1): Q235 Galvanized sheet steel
Gasket (2): Wool felt



Test method and apparatus: according to VDI 3926 testing standards of filtration media.