PRODUCT DATASHEET

Nanofibre Air Filter Cartridges and Media

Higher efficiency, lower pressure drop





DETAIL – PLEATED CARTRIDGES

OVERVIEW

The Tech Inc. Nanofibre Air Filter Cartridges and Media carry a fine nanofibre layer on the media surface, so dust is caught on the surface and pulses off easily. This gives higher efficiency at lower pressure drop and longer life than standard cellulose or polyester media.

MODELS AND CONFIGURATIONS

- **Pulse-jet cartridges** – dust collectors.
- **Turbine inlet cartridges** – gas turbines.
- **Panel filters** – HVAC and AHU.
- **Media rolls** – for filter makers.

TYPICAL DESIGN DATA

Efficiency	Up to MERV 15 / F9, or to specification
Media	Cellulose, polyester or synthetic with nanofibre layer
Sizes	Standard and custom

APPLICATIONS

Industrial dust collectors, gas turbines, HVAC and AHUs, hospitals, cleanrooms and vehicle cabins.

KEY ADVANTAGES

- **Higher efficiency** – fine particles caught at the surface
- **Lower pressure drop** – saves energy
- **Longer life** – dust pulses off easily

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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