



Technical information

Depth filters **HYTREX™**

What filters does Hytrex offer that other cartridges cannot?

- True graduated density.
- Lower density on the filter surface with a density progressively greater towards the center.
- Particles are trapped along the entire cross section of the filter, creating superior dirt holding capacity.
- No blind surface, which reduces the flow and increases the exchange of filter outputs.
- High flow rates with low pressure drop across the entire flow range.
- Longer life compared to competitive cartridge filters.

Thermo-sealed microfiber construction

- The thermally fixed fibers do not move under pressure or pressure surges and dislodges dirt from the filtrate.
- Extremely small continuous filaments maximize controlled porosity and complex tortuous pathways.
- High structural strength and integrity to provide an excellent final seal.
- Less media migration ensures that there is no contamination of the filter fiber.
- Patented thermal bonding process of blown microfibers ensures consistent performance, filter by filter.
- A pure individual material

Highest quality controlled batches of polypropylene

- It does not contain wetting agents, solvents, anti-static agents, binders or additives of any kind.
- Inert material means broad chemical compatibility.
- Not leachable or removable.
- Incinerate to track ash without dangerous volatiles, for easy disposal.
- Meets the requirements of the Food and Drug Administration (FDA) to be in contact with food and beverages.

Automated Continuous Phase Manufacturing

- Continuous construction in lengths from 1 ½ inches (3.8 cm) to 50 inches (127 cm) without joints or welds.
- Self-supporting does not require a separate central core.
- Marked with the micron rating on the cartridge for easy filter identification.
- Vacuum and thermal finishing procedures virtually eliminate manufacturing waste.
- The pure integral polypropylene end adapters fit the filter housing without leakage.
- The mechanized packaging and sealing of each cartridge offers clean filters in the field.
- Consistent automated manufacturing ensures reliable performance and repeatable results year after year.

Smart quality by **DTB**