

# FIRST FOR ABSOLUTE FILTRATION

Filtertechnik's most efficient filter, removing contamination down to 1 micron absolute.



Our Next Generation filter media provides superior filtration, cleaning contamination in fuels and oils down to 1 micron absolute. With its universal fitting the filter element can be inserted into our stainless steel filter housings for clean and dry fuel and oil in no time and capable of guaranteeing ISO cleanliness 14/12/10 or better.

## Extensively specified into:

- Hydraulic applications
- Data Centres
- Marine
- Automotive
- Fuel Polishing systems
- Oil Filtration systems
- Oil & Fuel refineries
- Tank Farms
- Stand-by Power Generation
- Petrochemical

## PRODUCT OVERVIEW

This cartridge has been designed to fit into all Filtertechnik stainless steel filter housings and our extensive range of oil & fuel filtration systems. Our filter media and cartridge design meets the highest levels of quality and incorporates a crush-protective centre tube to ensure durability and performance in the toughest applications.

Filtertechnik have been supplying filters for fuel and oil applications to a wide range of industries over the years. We pride ourselves in supplying the best filter media no matter what the application. Our latest 1 micron absolute filter media is a market leader, able to remove particulate contamination down to 1 micron absolute in a wide range of fuels and oils. The filter has six layers providing maximum efficiency and dirt-holding capacity with minimal pressure drop. The filter media can operate within pressures of 150psi making it suitable for filtering hydraulic fluid in power machinery.

### Are you looking for one filter media for all applications?

Filtertechnik's most efficient filter media is now available in cartridge format. These High Performance filters offer exceptional clean-up capability and unrivalled dirt holding capacity. Contamination reduction down to 1 micron absolute.

## OILS, FUELS, WATER AND PROCESS FLUIDS

No matter if you are working with oils, fuels, water or process fluids, the filter media can comfortably remove contamination down to 1 micron absolute. The filter media has been tested extensively in our world-class laboratory with contaminated fuels & oils and the results are clear.

## BENEFITS

- Cleans a wide range of fuels & oils down to 1 micron absolute
- Dirt holding capacity of 509 grams
- Universal design means it is compatible with all of our standard fuel polishing systems
- Available from stock for immediate delivery
- Crush protective centre tube for maximum protection

The filter element can be inserted into any of our stainless steel housings featured on:

### DFU FAMILY



### ON TANK SYSTEMS



### NEPTUNE DEHYDRATION SYSTEMS



## FILTER ELEMENT TECHNICAL DATA

Product Code	Size 1 - FT-CE-01-Z01	Size 2 - FT-CE-02-Z01
Flow Rating	250 L/Min	
Dirt Holding Capacity	241 grams	509 grams
Max. Operating Pressure	150 psi (10 bar)	
Operating Temperature	-29°C to 107° (-20°F to 225°F)	
Element Change Clearance	320mm	640mm
Filter Weight	2.2 kg	3.6kg
Boxed Weight	2.5 kg	4.2kg

## EXTENSIVE TESTS CARRIED OUT IN OUR LABORATORY

Size 2 1 $\mu$ m Element - ISO9001 Cleanliness Chart

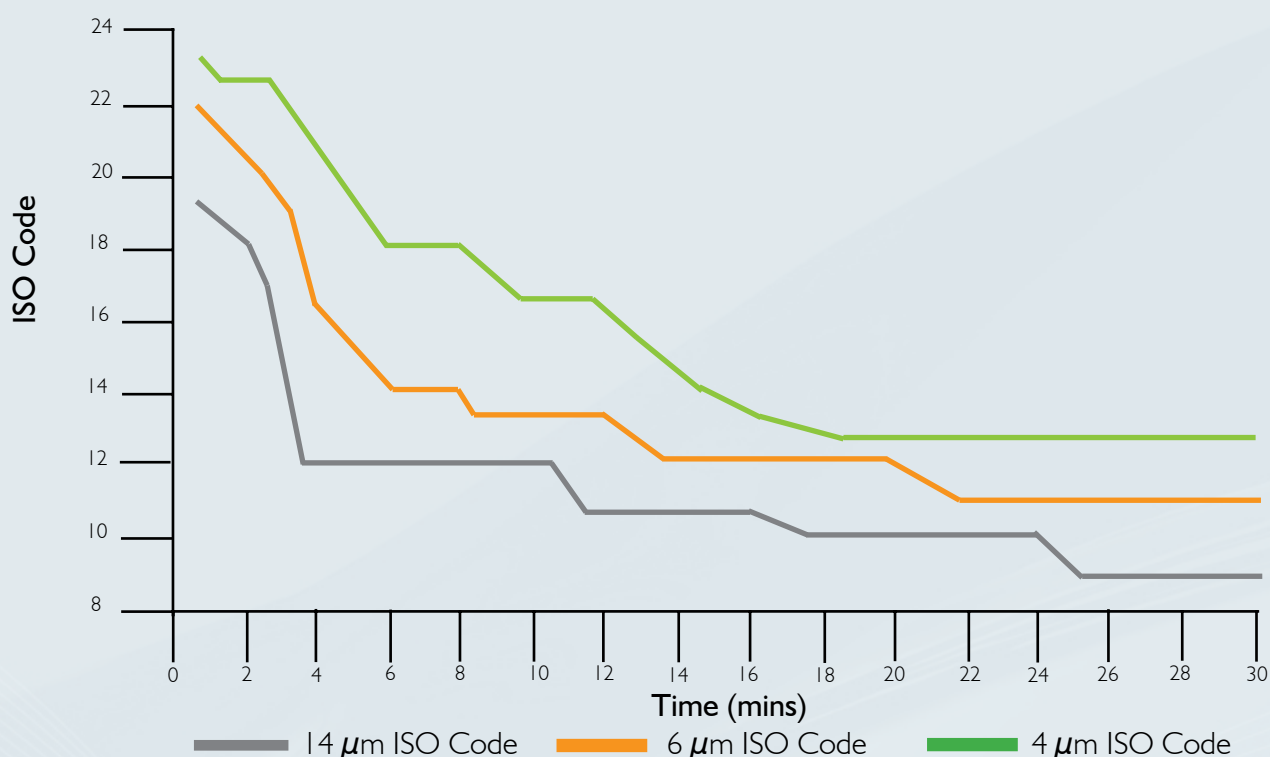


Figure 1: FT-CE-02-Z01 tested on 100 litres of red diesel at 100 litres per minute.

With a starting ISO cleanliness code of ISO 23/22/19 the filter achieved ISO 16/13/12 in just 9 minutes. This filter can deliver cleanliness of ISO 14/12/10 or better if used in a multi-pass application.

Filtertechnik also supply a wide range of filter elements suitable for a variety of applications, no matter what the application fuel and oil will be clean and dry in no time.

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