Doulton
Ultracarb Element

10 Inch Ultracarb Candle/ 9 3/4 Inch Cartridge Water Filter Element

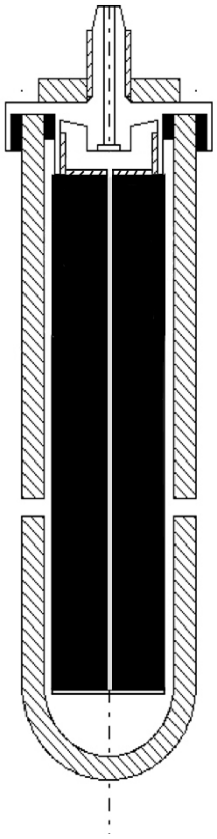
These cleanable filter elements are designed to remove suspended solids, pathogenic bacteria, hydrogen sulphide, and lead. In addition, they will improve taste and reduce trace contaminants. These filter elements have been tested in accordance with NSF protocols for cyst, turbidity, particulates, and chlorine reduction (Class 1). The cartridges are based on a Sterasyl ceramic pre-filter shell. Inside the ceramic shell is a post-filter which is manufactured by combining a zeolite metal ion reduction medium, granular carbon, and powdered carbon to form a tightly packed matrix. The candle is fitted with a threaded plastic cap on one end; the cartridge is open on both ends.

- Maximum working pressure …….. 125 psig
- Maximum working temperature …….. 100° F
- Minimum working temperature …….. 40° F
- Recommended flow rate …….. 0.3 - 0.5 gpm
- Recommended cleaning frequency ……. when flow rate is noticeably lower
- Recommended change frequency ……..… 6 months or 600 gallons for 10" candle, 2000 gallons for Imperial cartridge

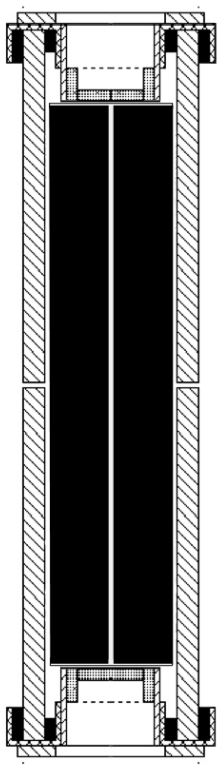
Contaminant Removal

Pathogenic bacteria
Cholera, Typhoid, Salmonella, Serratia,
E. Coli, Fecal Coliform - >99.99% removal
Cysts
Cryptosporidium Parvum, Giardia Lamblia
100% removal (based on tests by Arizona State University)
Sediment
Down to 0.9 micron absolute; 0.5 - 0.8 micron
with a filtration efficiency of >99.99%
(based on tests by Spectrum Laboratories - MN - USA)
Organic Chemicals
Pesticides, herbicides and organic solvents
Metals
Lead, Iron, Aluminum
Taste & Color
Hydrogen Sulphide, Iron, etc.
Lead Removal
Lead is seldom found naturally in domestic water supply but can result from the dissolution of lead pipes which may still be in use in old water systems. The zeolite metal ion reduction medium in the Ultracarb element effectively reduces the lead content in drinking water.

10 Inch Candle



9 3/4 Inch Cartridge



Fairey Industrial Ceramics Ltd.