



# Fil-Trek



# CGP

Polyethylene Shell  
Activated Coconut Carbon  
Nominally Rated



Water



Desalination



Chemicals



Electronics



Oil/Gas



Air/Gas



Inks/Paints/ Coatings



Power



Coolants



Pulp & Paper

# CGP Carbon Block Filters

## FEATURES:

- Activated granular coconut carbon filter with a porous polyethylene shell.
- Removes unwanted tastes and odours.
- Effective removal at 90% efficiency at a 20 micron nominal rating.
- Available in 10", 20" and 30" lengths.
- FDA compliant for food and beverage contact applications.
- Designed for use in removing organic contaminants from plating, acid, alkaline and chemical solutions.
- Elements fit most industry standard housings.

## TYPICAL APPLICATIONS

- Chlorine
- Foul Tastes
- Odours
- Colours
- Volatile Organics
- Chemicals
- Sediments
- Plating
- Photography
- Process Water
- Recycling

## Polyethylene Shell Activated Coconut Carbon Nominally Rated

### Element Specifications

**Maximum Differential Pressure**  
60 PSID (4bar) @ 80°F (26°C)

### Dimensions

#### Outside Diameter

2.75" OD (standard)

\*\*4.5" OD also available

#### Inside Diameter

1" ID

### Lengths

10", 20", 30"

\*30" not available for 4.5" OD

### Micron

20 micron carbon w/ 3 micron internal string wound (nominal)

### Materials Available

#### Media

Sulfur free high grade activated coconut carbon

#### Outer Shell

Polyethylene

#### Core

Polypropylene string wound

#### End Caps

Ethylene-propylene

#### Temperature Limit

40°F to 125°F



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## FILTER DETAILS

This cartridge has a porous polyethylene shell containing a sulfur free, high grade highly activated coconut granular carbon. It features a pre-filtering outer shell made of a strong and porous polyethylene with ethylene-propylene end caps. The porous shell carbon cartridge has been designed primarily for use in removing organic contaminants from plating, acid, alkaline and chemical solutions.

The liquid flows from the outside of the cartridge through the carbon granules removing organics and finally through a 3 micron inner wound layer of polypropylene media for a polishing depth filtration. For gases, this carbon cartridge can be used in removing organics such as oil mist, water vapor and fine dust and scale particles. The polyethylene outer wrap possesses excellent filtering/coalescing properties. Most of the oil/water contaminant will be trapped and collected in the shell.

## RECOMMENDED FLOW RATES

MODEL	LIQUIDS LPM/GPM	GASES M <sup>3</sup> /MIN/SCFM
CGP-D3-10	5.7/1.5	1.7/60
CGP-D3-20	11/3	3.4/120
CGP-D3-30	17/4.5	5.1/180

## APPROX. AMOUNT OF CARBON PER FILTER

MODEL	WEIGHT GRAMS/OUNCES
CGP-D3-10	198/7
CGP-D3-20	397/14
CGP-D3-30	595/21

## PRODUCT NOMENCLATURE

CGP	D3	10
SERIES	OUTSIDE DIAMETER	LENGTH
CGP – GRANULATED CARBON W/ POLYETHYLENE SHELL	D3 – 2.75" OD (STD)	10
	D6 – 4.5" OD	20
		30