



CGP

Carbon Block Filters

- Polyethylene Shell
- Activated Coconut Carbon
- Nominally Rated

Activated granular coconut carbon filter with a porous polyethylene shell.



SUITABLE USES



Air & Gas



Desalination



Coolant



Water



Electronics



Coatings



Oil & Gas



Chemical



Pulp & Paper



Power



Marine



Equipment

AVAILABLE LENGTHS

Available in 10", 20" and 30" lengths.

ADDITIONAL FEATURES

Removes unwanted tastes and odours.

Effective removal at 90% efficiency at a 20 micron nominal rating.

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.

*For custom applications,
please contact factory for more details.:
info@fil-trek.com or visit Fil-Trek.com*

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ELEMENT SPECIFICATIONS

MAXIMUM DIFFERENTIAL PRESSURE	60 PSID (4bar) @ 80°F (26°C)
DIMENSIONS	
Outside Diameter	2.75" (6.985 cm) OD (standard) *4.5' (137.16 cm) OD also available
Inside Diameter	1" (2.54 cm) ID
AVAILABLE LENGTHS	10", 20", 30" (25.4, 50.8, 76.2, 101.6 cm) *30' (914.4 cm) not available for 4.5' (137.16 cm) OD
MICRON	20 micron carbon w/ 3 micron internal string wound (nominal)
MATERIALS OF CONSTRUCTION	
Media	Sulfur free high grade activated coconut carbon
Outer Shell	Polyethylene
Core	Polypropylene string wound
End Caps	EPDM
TEMPERATURE LIMIT	40°F (4°C) to 125°F (51°C)

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.

MODEL FLOW RATES

Model	LIQUIDS LPM/GPM	GASES M ³ /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
CMB - Granulated Carbon W/ Polyethylene Shell	D3 - 2.75" OD (STD) D6 - 4.5" OD	10 20 30