

## Introduction

- All polypropylene housings are sturdy and chemically compatible
- Three membrane type media and two depth type media
- Wide range of retentive pore sizes
- All types available in three different lengths
- Diameter is standard 78 mm
- Selected media available presterilized

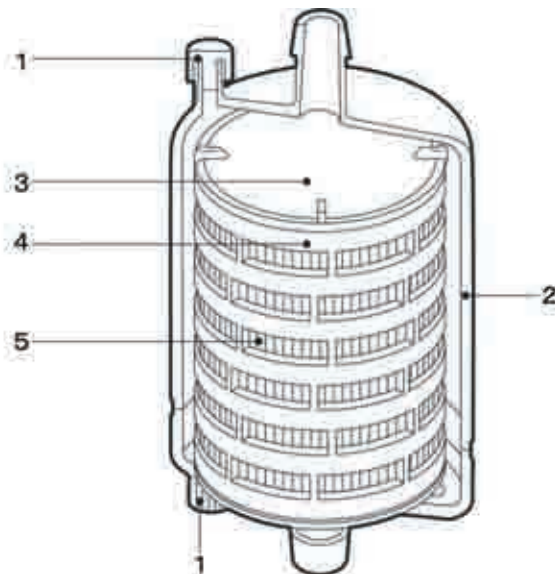
## Applications

- Filter tissue culture media, fermentation broths, ground water
- Can be set in serial mode to maximize throughput volumes
- Point-of-use sterile filtration
- Use capsules for pilot/prototype studies, scale up to the same media in cartridge format
- Cannot be used for gas filtration



## Product Overview

Media	Code	Characteristics	Media type	Pore size or Nominal Rating [μm]	Membrane layers	Filtration area per capsule [cm²]
PES	CCS	Hydrophilic	Membrane	0.20 - 0.45	Double	Up to 1800
PTFE	CCF	Hydrophobic	Membrane	0.05 - 1.0	Single/double	Up to 3600
PTFE	CCFH	Hydrophilic	Membrane	0.20	Single	Up to 3600
Polypropylene	CCP	Hydrophobic	Depth-type	0.8 - 30	-	Up to 2600
Glass	CCG	-	Depth-type	0.45 - 1.0	-	Up to 1200



- 1: Vent/drain  
2: Housing  
3: End cap  
4: Outer sleeve  
5: Pleated filter media



End Fixture B  
1/4" NPTM



End Fixture D  
1/2" NPTM



End Fixture H  
3/8" hose barb



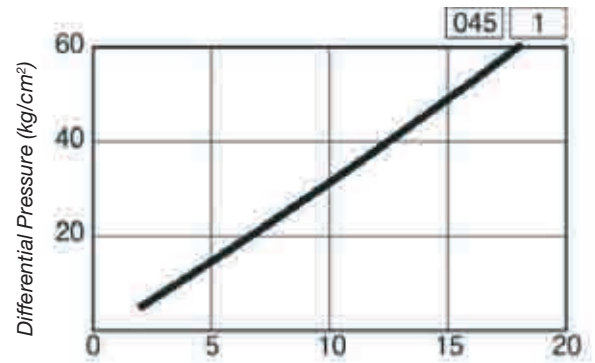
End Fixture N  
1 1/2" sanitary fitting

## › Glass Microfiber Capsule Filters – Code CCG

- **Depth type matrix** of borosilicate glass microfiber
- **Large dirt holding** capacity
- **Resistant** to most fluids except strong acids
- **Contains a small amount of acrylic resin binder** to enhance wet strenght
- **Can be sterilized** by autoclaving (121°C, 30 min.) or treatment with ethylene oxide (EtO)

## › Applications

- Sea water filtration
- Aquaculture
- Prefiltration to a final membrane filter such as PES or PTFE (CCS, CCF or CCFH)



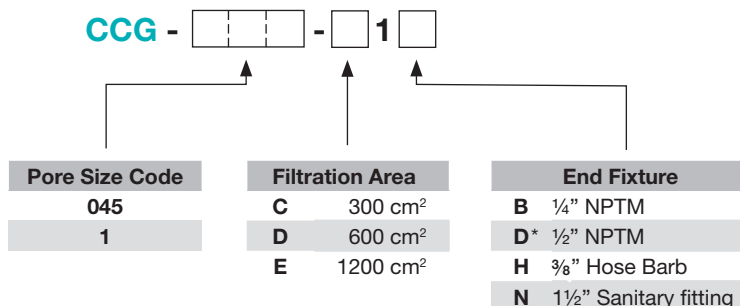
Flow Rate (L/min)  
Typical water flow rate for  
CCG-\_\_\_-D1B at 25°C

## › Specifications

Type Code	045	1
Nominal rating [µm]	1-1.5	1.5-2
Particle retention	99,9%	99,9%
Max. Inlet Pressure	3 kg/cm²	3 kg/cm²
Max. Operating Temperature	60°C	60°C
Length Code	Length [mm]*	Filtration Area (cm²)
C	102	300
D	129	600
E	201	1200

\*Length given is for capsules with end fixture H.

## › Ordering Information



\*) When ordering length code "C" (filtration area), end fixture code "D" is not available.