

# Capsule Filter



## Introduction

**Capsule Filters** are ready-to-use units for critical applications and small volume flows of gases and liquids. All filter units consist of a durable polypropylene housing and are available in various filter media and pore sizes. The housing units are thermal welded and all capsule filters have many connection options. They are manufactured in a clean room environment and are processes in double sealed packaging to avoid any possible contamination.

## Product Characteristics

- ▶ Many kinds of filter media and removal rating.
- ▶ Made in the clean environment and always keep clean situation.
- ▶ Absolutely bio-safety and non-toxic.
- ▶ Have many kinds of capsule size. According to flow rate and flow speed to choose the correct filter, because different capsule length have his own effective filtration area.

## Product Specification

### Material Of Constructions

[ Media ] : PP, PES, PTFE, Nylon66, GF  
[ Support ] : PP  
[ Housing ] : PP  
[ Sealing ] : Thermally Welded

### Performance

[ Removal Rating ] :  
PP : 0.1µm, 0.22µm, 0.45µm, 1µm, 3µm, 5µm, 10µm, 20µm, 30µm, 50µm  
PES : 0.1µm, 0.22µm, 0.45µm, 0.65µm, 0.8µm, 1.2µm  
PTFE(Liquid) : 0.1µm, 0.22µm, 0.45µm  
PTFE(Gas) : 0.01µm, 0.02µm  
Nylon6 : 0.1µm, 0.22µm, 0.45µm, 0.65µm, 1µm  
GF : 0.45µm, 1µm, 3µm, 5µm, 10µm, 20µm

# Ordering Information

Model	Media
<p><b>CP 401</b></p>	PP=polypropylene PES=Polyetjersulfone PTFE=Polytetrafluoroethylene N6=Nylon 6 GF=Glass Fiber
<p><b>CP 701</b></p>	
<p><b>CP 702</b></p>	
<p><b>CP 703</b></p>	
<p><b>CP 704</b></p>	
<p><b>CP 705</b></p>	
<p><b>CP 706</b></p>	
<p><b>CP 707</b></p>	
<p><b>CP 708</b></p>	
<p><b>CP 709</b></p>	

CP701PP01

Removal Rating					
PP	PES	PTFE(Liquid)	PTFE(Gas)	Nylon66	Glass Fiber
01=0.1µm	01=0.1µm	01=0.1µm	001=0.01µm	01=0.1µm	045=0.45µm
022=0.22µm	022=0.22µm	022=0.22µm	002=0.02µm	02=0.2µm	1=1µm
045=0.45µm	045=0.45µm	045=0.45µm		045=0.45µm	3=3µm
1=1µm	065=0.65µm			065=0.65µm	5=5µm
3=3µm	08=0.8µm			1=1µm	10=10µm
5=5µm	1.2=1.2µm				20=20µm
10=10µm					