

Complies with USFDA 21 CFR 210.3 (b) (c)  
 Microbially Validated as per ASTM F 838-83  
 Meets USFDA 21 CFR 177.1520

# Polypropylene Capsule Filters

## Type-CAPP

Nupore Capsule filters type CAPP are made with polypropylene filter media for wide chemical compatibility and high heat resistance.

## Special Features

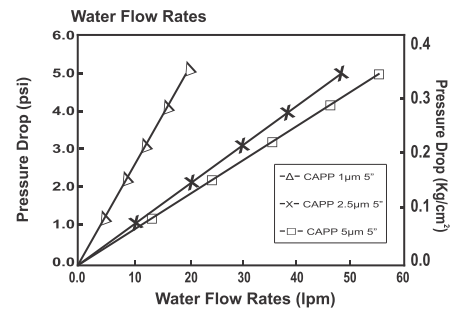
- Wide chemical compatibility
- Non-media migrating
- Very high retention efficiency (99.999%)
- Biologically inert
- Heat stable construction

## Applications

- Pre-filtration of drug vehicles
- Pre-filtration of air to small fermentors
- Pre-filtration of high value drug solutions

## Specifications

- **Maximum Operating Temperature:** 80°C @  $\leq 2\text{kg/cm}^2$
- **Maximum Operating Pressure:**  $<4\text{Kg/cm}^2$  @ 30°C
- **Retention Efficiency:** 99.999%
- **Extractables with Water:** Within limits specified in USP
- **Extractables with IPA:** Within limits specified in USP
- **Sterilization:** 30 autoclave cycles of 30 minutes at 121°C
- **Oxidizable Matter:** Passes test as per USP
- **Biosafety:** Passes the Biological tests for Class VI plastics as described in USP



## Ordering Information:

Type		Size			Pore Size		I/O Connection		Bell		Sterilization	
Product	Code	Size	EFA*	Code	Pore Size	Code	Connection	Code		Code		Code
Polypropylene Capsule Filter	CAPP	1"	0.023m <sup>2</sup>	A	0.5µm	05	1/4" SHB	01	Yes	BY	Non Sterile	SN
		2"	0.08m <sup>2</sup>	B	1µm	10	1/4" MNPT	02	No	BN	EO Sterile	SE
		5"	0.17m <sup>2</sup>	C	2.5µm	25	1/2" MNPT	05			Gamma Sterile	SG
		10"	0.24m <sup>2</sup>	E	5µm	50	1/2" Hose Barb	06				
							10µm	100	1 1/2" Sanitary Flange	07		
					20µm	200	6mm Walther	11				

Example: **CAPP A 05 01 01 BY SN**