

# E - Funnel



Nupore E-funnel is an easy-to-use, individually packed and disposable filtration device with a detachable 100 ml funnel and pluggable bottom for ease of sample collection and transfer to laboratory.

It consists of a 0.45µm Edge Hydrophobic Cellulose Nitrate membrane and therefore ensures complete flushing of the drug sample. It is used to speed up microbial analysis of antibiotics and drugs containing bacteriostats in pharmaceutical API and formulation industries.

## Special Features & Benefits

- ✓ Ready to use
- ✓ Minimum lab space requirement
- ✓ Minimal chance of contamination
- ✓ No re-usable stainless steel or polysulfone funnels

## Key Applications

- Bio-burden testing of raw materials
- Bio-burden testing of product in API manufacturing

***Our Nupore E-Funnel filters are quality assured for retention efficiency, integrity test and flow rate and validated for Heat Stability, Beta ratio test, fiber particle release, extractables and biosafety***

## In Compliance with Global Standards

<b>Bacterial Endotoxin</b>	<i>The filtrate/Aqueous extraction from downstream of the filter exhibited endotoxin result &lt; 0.25 EU/mL when tested as per USP &lt;85&gt; methodology</i>
<b>Oxidizable Substances</b>	<i>Oxidizable matter in filtered water meets the USP &lt;1231&gt; Oxidizable Substance Test requirements</i>
<b>Non-fiber Releasing</b>	<i>Meets the criteria for a "non-fiber releasing" filter as defined in 21 CFR 210.3(b)(6).</i>
<b>Particle Shedding</b>	<i>Meets Cleanliness per USP &lt;788&gt; for Particulates in Injectables</i>
<b>Extractable with water</b>	<i>Extractable passes within limit as specified by USP &lt;661&gt;</i>
<b>TOC/ Conductivity</b>	<i>Meets the USP &lt;643&gt; for Total Organic Carbon Meets the USP &lt;645&gt; for Water Conductivity</i>

- Manufactured in an ISO Class 8 Cleanroom Environment
- Complete Qualification Guide Available
- Critical raw material used for manufacturing are Compliant with FDA Indirect Food Additive requirements cited in 21 CFR 177.1520 & 21 CFR 177.2440
- Comply with USP <88> Reactivity Test for Class VI plastics
- Wide Chemical Compatibility
- 100% Integrity Tested

## TECHNICAL SPECIFICATIONS



### CONSTRUCTION MATERIALS

**Filter Media:** *Hydrophilic PVDF*

**Supporting Media:** *Polyester*

**Core & Cage:** *Polypropylene*

### INTEGRITY TEST DATA

**Bubble Point:**

0.22µm: ≥ 3447 mbar (50 psi) *(water wetted)*

0.45µm: ≥ 2206 mbar (32 psi) *(water wetted)*

**Water Flow Rate:** 200 ml/min at 250 mmHg Vacuum

**Microbial Retention**

0.22µm: LRV > 7 for *Brevundimonas Diminuta*

0.45µm: LRV > 7 for *Serratia marcescens*

### ORDERING INFORMATION CODES:

Type		Size		Pore Size		Sterilization	
Type	Code	Length	Code	Micron	Code		Code
E-funnel	NEFCN	47 mm	47	0.22 µm	020	ETO	SE
				0.45 µm	045	Gamma	SG

EXAMPLE: NEFCN4702SE



### Nupore Filtration Systems Pvt Ltd

**H.O.** Plot No. 7 Industrial Area Meerut Road,  
Ghaziabad, U.P.-201003, India

**Branch:** Plot No. 76 & 77, Sector-1,  
HSIIDC, Saha, Ambala Cantt 133104, India



+91120 - 6335825  
+91120 - 6335826



sales@nupore.com

www.nupore.com