

Product Name:	Syringe Filter
Application:	Syringe filters are suitable for use in life science, pharmaceutical, environmental, biotechnology, food and beverage, agricultural testing laboratory and other areas, especially used in life science experiments for aseptic operations of small volume samples (like proteins, additives, buffers, reagents and drugs).
Materials:	PP + PES/PVDF (membrane)
Specifications:	Temperature range: stored at room temperature Shelf life: 3 Years after date of production (ensure package is in good)
Sterilization:	Yes. Sterilized by E-beam, Sterility Assurance Level: $SAL=10^{-6}$. The product has been irradiated and dosimetrically released based on ANSI/AAMI/ISO 11137
Pyrogens:	Non-Pyrogenic
RNase/DNase:	DNase/RNase free
BSE/TSE:	These products are deemed animal free.
Performance Testing:	Each manufacturing lot is sampled and tested in accordance with standard operating procedures. Appearance inspection: pass Packaging inspection: pass
Features	<ol style="list-style-type: none"> 1. The housing of the syringe filter is made of medical-grade polypropylene, one-time injection molded, high-pressure resistant. 2. High sterile filtration efficiency, $LRV > 7$ 3. Maximum filtering area: 4.9cm^2. 4. Membrane materials include: PES, PVDF 5. Low protein binding. 7. High throughput and high flow rate. 8. easy-to-tear paper-plastic independent sterile packaging. 9. No DNA/RNA enzymes, no pyrogens
Precautions	<ul style="list-style-type: none"> • When handling chromatography samples, avoid introducing other impurities during the filtration process. • Do not use a syringe with a volume less than 10 cc, which may cause excessive pressure in the injection tube thus resulting in membrane damage or personal injury. • Single use only • Discard the initial few filtrate, of which the volume is about the volume of the filter

Application Directions and Types

Connection: F luer connector and M luer connector

Membrane type	Hydrophilicity	Feature	Application Directions	Cautions
PES	Hydrophilic	Low protein adsorption, high flow rate, wide PH range, high chemical compatibility, good heat resistance	For general culture media and aqueous solutions, polar or middle-polar solvents, neutral aqueous solutions	Should not be used for chloroform, esters, amides and strong acids or strong bases.
PVDV	Hydrophilic	Wide practicability, good oxidation resistance and heat resistance	May be used for aqueous solutions and most solvents, including strong non-polar solvents. Ideal for preparations of HPLC and GC	Should not be used for strong acids and bases

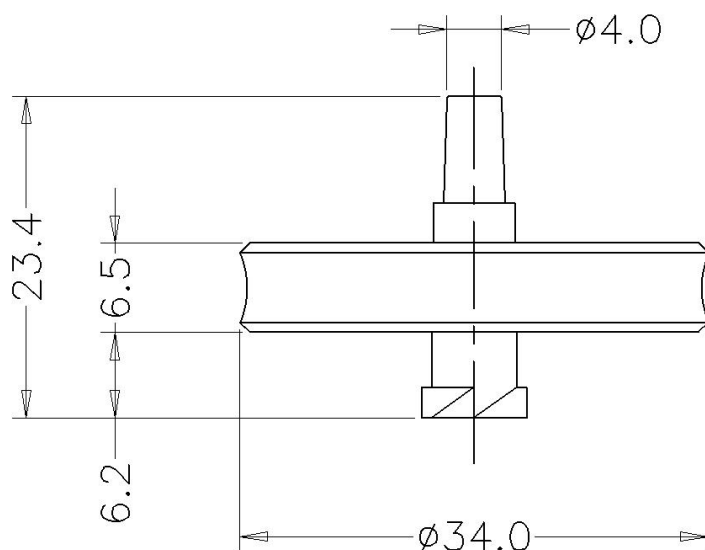
Maximum working pressure: 87psi

Maximum working temperature: 90°C

Product Range

Cat. No	Membrane	Pore Density	Size	/Case
331011	PES	0.22um	30mm	100
331001	PVDF	0.22um	30mm	100
331111	PES	0.22um	25mm	100
331211	PES	0.22um	13mm	100

Technical Drawing



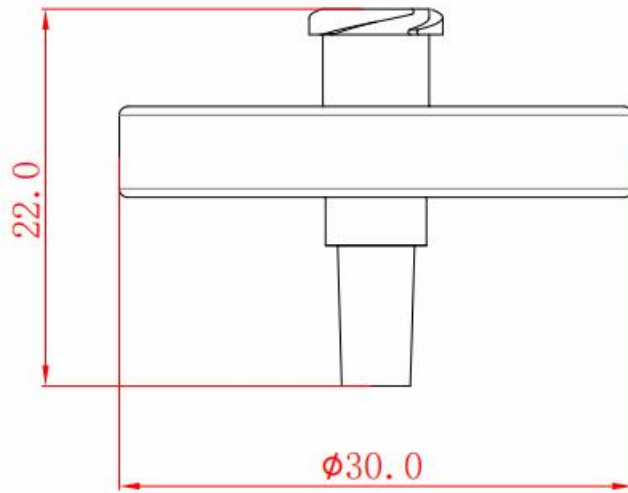
331011\331001

Head Office

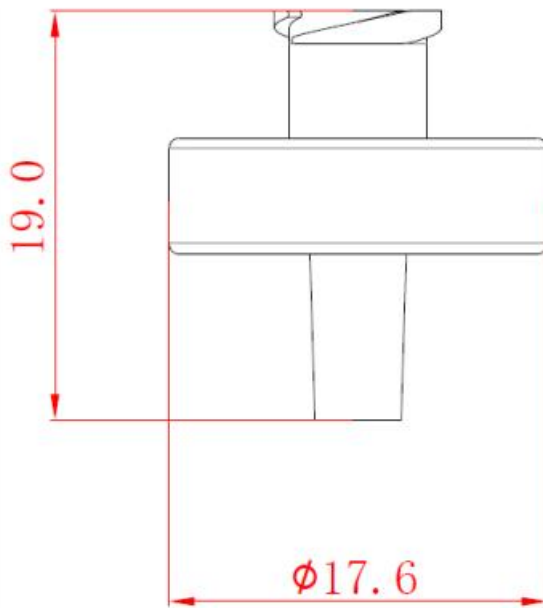
No. 530, Xida Road, Meicun Industrial Park, Xinwu District, Wuxi, Jiangsu, China
 Tel: +86+ 510-6800 6788 Email: info@nest-wuxi.com
 Online: www.cell-nest.com

Overseas

NEST USA (New Jersey/ Phoenix)
 NEST scientific 株式会社 (Yokohama, Japan)
 NEST Scientific Europe B.V (Netherlands)
 Nest Scientific (MENA) FZE (Sharjah, United Arab Emirates)



331111



331211

Head Office No. 530, Xida Road, Meicun Industrial Park, Xinwu District, Wuxi, Jiangsu, China
Tel: +86+ 510-6800 6788 Email: info@nest-wuxi.com
Online: www.cell-nest.com

Overseas NEST USA (New Jersey/ Phoenix)
NEST scientific 株式会社 (Yokohama, Japan)
NEST Scientific Europe B.V (Netherlands)
Nest Scientific (MENA) FZE (Sharjah, United Arab Emirates)