

Certificate of Conformity

VWR Catalogue Number	514-1240
Description	Non-Sterile Syringe Filters, RC, with 0.45µm Pore Size, 30mm outer Diameter
Lot Number	304095162
Date of Manufacture (yyyy-mm-dd)	2022-09
Expiry Date (yyyy-mm-dd)	2026-09
Country of Origin	Manufactured in China
Date of Issue (yyyy-mm-dd)	2023-04-28

Quality System Compliance

Products are manufactured under the **ISO 9001:2015** standard. Products are inspected and controlled through whole production processing in accordance with current applicable product specifications and QC SOP.

QC Testing

Representative products samples are collected and inspected in accordance with current applicable QC requirements.

Syringe Filter Lot Characterization

Membrane material	RC	Filtration area(cm2)	4.9
Pore size	0.45µm	Holdup volume (µl)	<120
Wettability	Hydrophilic	Housing Material	Polypropylene
Inlet/Outlet	Female Luer Lock inlet and Male Luer slip outlet	Bubble point(psi)	14.5-18.9
Burst pressure(psi)	87.0	Flow rate(ml/min@10psi)	145-205
Bubble point was tested by ethyl alcohol. Flow rate was tested by water at 25 °C.			

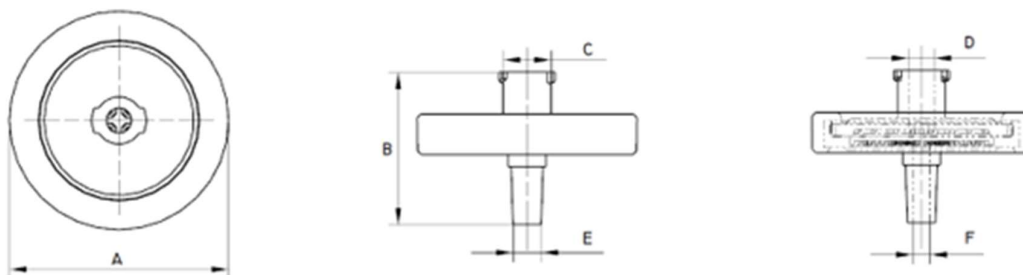
Product Specifications

Material	Housing Material	General purpose polypropylene (PP) Compliance with USP Class VI ; Colour: White
	Membrane Material	RC (Regenerated Cellulose) Compliance with USP Class VI ; Colour: White
Sterilization	Non-Sterile.	
ATP Assay	Not Applicable.	
DNase & RNase Free	Not Applicable.	
BSE/TSE	No use of any raw material produced from or substances derived from animal origin. The manufacturing process of the product does not use any ingredient of animal origin and no material derived from or exposed to animals affected by or under quarantine for transmitting Animal Bovine Spongiform Encephalopathy/Spongiform Encephalopathy (BSE)/(TSE).	
Cytotoxicity	Testing is conducted to quality all material resins using ISO 10993 standards for cytotoxicity and have been shown to be non-toxic.	
Non-Pyrogenic Statement	The acceptance level for product is less than 0.25 EU/mL (LAL Gel Clot Method). (which is not applicable for non-sterile products)	
Latex Statement	This product is not made from natural rubber latex.	
BPA Statement	Bisphenols are not used in the manufacture of the raw material and are not expected to be present.	
DEHP Statement	Please see RoHS information below.	
RoHS	No substances (Lead, Cadmium, Mercury, Hexavalent Chromium (Cr6+), Poly Brominated Biphenyls (PBB), Poly Brominated Diphenyl ethers (PBDE), Bis(2-Ethylhexyl) Phthalate (DEHP), Benzyl Butyl Phthalate (BBP), Dibutyl Phthalate (DBP), Diisobutyl Phthalate (DIBP)) are used in manufacturing the raw materials and final product. No routinely analysis is performed.	
REACH Statement	Not Applicable.	
Storage Conditions	Store at normal temperature.	

Disclaimer: VWR states that this declaration will not discharge the user from their obligation to ensure the product is suitable for the intended use. The purpose of the product is for use in laboratory only.
This document has been produced electronically and is valid without a signature.

Annex

Technical Drawing



Detailed List				
Item Number	Item	Diameter 13mm	Diameter 25mm	Diameter 30mm
A	OD of Filter	17.2 ± 0.5	30.0 ± 0.5	34.2 ± 0.5
B	Height of Filter	17.5 ± 0.5	21.0 ± 0.5	23.5 ± 0.5
C	OD Inlet	6.5 ± 0.3	6.5 ± 0.3	6.5 ± 0.3
D	ID Inlet	4.1 ± 0.3	4.1 ± 0.3	4.1 ± 0.3
E	OD Outlet	3.9 ± 0.3	3.9 ± 0.3	3.9 ± 0.3
F	ID Outlet	2.5 ± 0.3	2.5 ± 0.3	2.5 ± 0.3

Choosing the Right Diameter

Typical Process Volume [mL]	Suitable Syringe Filter Diameter [mm]	Hold-up volume[μl]
1-10	Ø13	< 10
10-50	Ø25	< 100
50-100	Ø30	< 120