

Product PN	1224100, 1224101, 1224103, 1229459, 1224104, 1224105, 1224106, 1229461, 1224110, 1224112, 1224113, 1224114, 1226917, 1224117, 1224119, 1224120, 1224121, 1229463, 1224124, 1224125, 1224126, 1229465, 3019424	Mod. 984
Description	30 mm Cameo Syringe Filters w/Nylon Membrane	
		Rev. 02

cameo

30 mm Cameo, Nylon (NY)



PRODUCT DESCRIPTION	Non-Sterile 30mm Syringe Filter made of Polypropylene Housing assembled with various pore sizes of Nylon (NY) Membrane						
	Membrane Material	Pore Size (um)	Color	Packaging 50/pk	Packaging 200/pk	Packaging 500/pk	Packaging 1000/pk
	Nylon (NY)	0.10	Transparent	1224100	1224101	1224103	1229459
	Nylon (NY)	0.22	Transparent	1224104	1224105	1224106	1229461
	Nylon (NY)	0.45	Transparent	1224112	1224113	1224114	1226917
	Nylon (NY)	1.20	Transparent	1224119	1224120	1224121	1229463
	Nylon (NY)	5.00	Transparent	1224124	1224125	1224126	1229465
MANUFACTURER NAME	GVS North America 63 Community Drive Sanford, Me 04073 Phone: +1.866.736.1250 eMail: CustomerCareGVSLs@gvs.com - Website: www.gvs.com						
INTENDED USE / APPLICATION	Applications - Analytical sample preparation - Dissolution testing - Content uniformity - Environmental samples - Composite assays - Food analysis - Biofuel analysis						
MATERIALS	Filter media: Nylon Frame/Housing Polymer: Polypropylene Color: Transparent Other insert(s): N/A Regulatory Documentation Required:						

PRODUCT SPECIFICATION

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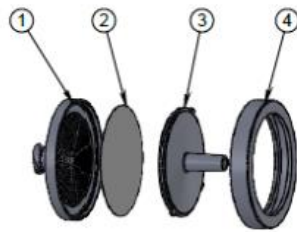
	☐ Biocompatibility according ISO 10993-1 ☐ IMDS ☐ DEHP plasticizer Free and latex free ☒ Rohs, Directive 2002/32/CE ☐ Aging ☒ BSE/TSE, directive 2003/32/CE ☒ 1907/2006/CE (hazardous substances regulation) ☐ Dir. 67/548/CE and Reg. 1272/2008/CE (medical sector dangerous substances) ☒ Conflict minerals
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PRODUCT CHARACTERISTIC	Characteristics Membrane Material: Nylon Membrane Diameter: 30 mm Effective Filtration Area: 4.8 cm ² Housing Diameter: 33 mm Housing Material: Pure polypropylene is heat-sealed without the use of glues or sealants Inlet / Outlet: FLL-MLS Prefilter: 1.0 µ binderless glass-fiber, in some configurations Holdup Volume: <70 microliter Maximum Operating Temperature: 82°C/180°F Maximum Operating Pressure: 130 psi Sterile: No
PRODUCT SHELF LIFE	When stored under normal storage conditions, this product should be stable for 5 years
STERILIZATION	This is a non-sterile product, compatible with these sterilization techniques*: ☒ EtO ☒ Gamma (up to 40 kGy) ☐ Autoclave (121°C) ☐ eBeam <i>*user has the responsibility to validate their process</i>
COMPLIANCE	The Quality management system is in compliance with ISO 9001:2015

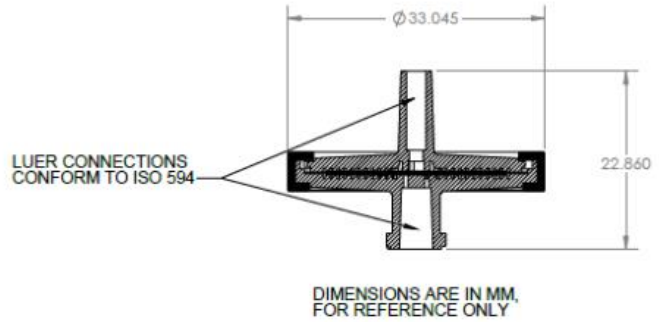
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DRAWING



1. FEMALE LUER LOCK INLET
2. MEMBRANE
3. MALE LUER SLIP OUTLET
4. OVERMOLDED RING



VISUAL REQUIREMENTS

Visual acceptance requirements apply when inspected under below conditions:

Magnification:
Light type:
Timings:

Acceptance Requirement			Sampling Plan
1	Mold Flash	<0.2 mm	100%
2	Voids/Sinks	None	100%
3	Short shots	None	100%
4	Missing/Jutting Media/Mesh	None	100%
5	Scuffing	Total length of scuff exceed 2 ribs	100%
6	Luer Damage	None	100%
7	Weld Damage	None	100%
8	Heat Stake Issues	None	100%
9	Spots Molded in Plastic	None	100%
10	Discoloring	None	100%
11	Mesh out of Place/Media Off-Center	None	100%
12	Pad Printing Incomplete	None	100%
13	Embedded Particles	< 0.8 mm ² (Maximum 3 particles)	100%

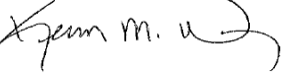
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PERFORMANCE REQUIREMENTS	Acceptance Requirement						Sampling Plan
	Pore size	0.10 um	0.22 um	0.45 um	1.2 um	5.0 um	AQL 0.1 Special inspection level S3
	Pressure	≥ 80 PSI 10 Seconds	≥ 80 PSI 10 Seconds	≥ 80 PSI 10 Seconds	≥ 80 PSI 10 Seconds	≥ 80 PSI 10 Seconds	ANSI/ASQ Standard Z1.4 - 2008
	Bubble point	35	24	14	8	5	AQL 0.1 Special inspection level S3

This material specification describes the properties of product above indicated.
This document contains general requirements, material description, drawing references, defect specification, biological material requirements.

REVISIONS AND APPROVALS:

DATE	REV.	REASON FOR CHANGE	ISSUED AND CONTROLLED BY: (name /function and signature)	APPROVED BY: (name /function and signature)
11/18/19	0	Initial Release	Joe DeSisto, Director, Process Engineering 	Kevin Wrigley, Director, Quality 

Customer Approval:

We accept this material specification as a part of the agreed terms of delivery

Company name _____

Approved by: _____
(Name, Function) (Signature)

Date _____
(Company stamp)

Please send back this document signed for approval. If we will not receive this specification signed, we consider the first order placed as implicit approval.