

Pharbeta™ SCF Series Single Cartridge Filter Housings

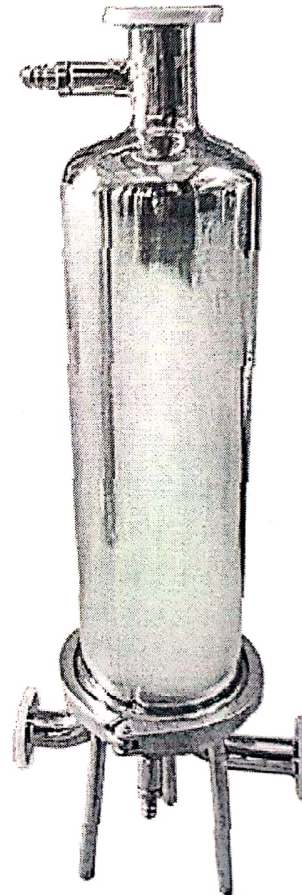
Pharbeta™ SCF Series Single Cartridge Filter Housings used for small flow rate liquid filtration, it is constructed of stainless steel material, inside and outside surface is electropolished finish, Sanitary grade. It has the vent valve and clean drain, hose barb port.

Material of Constructions

Shell	S304, S316L
Clamp	S304
Mounting Leg	S304
O-Ring	EPDM, Silicone, Viton

Parameters

Maximum Operation DP	0.6MPa
Maximum Operation Temperature	150°C
Surface Polishing	Inside Ra<0.4um, electropolished finish
Port	Outside Ra<0.8um, electropolished finish
	Inlet: DN25, Outlet: DN25
Vent Port	1/4"
Liquid Port	1/4"
Connection Model	Quick Opening

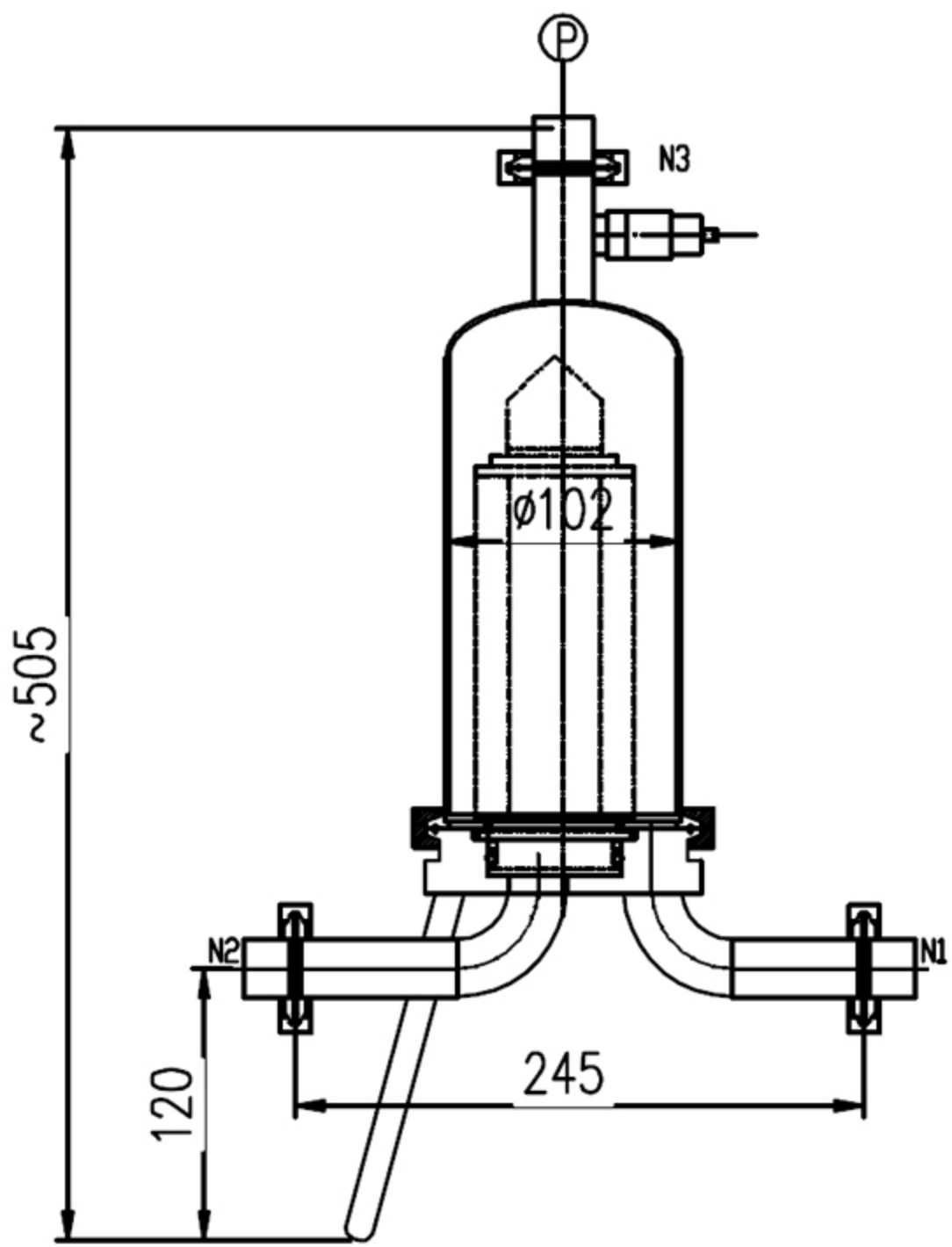


Ordering Information

EG: PSCFJ05PS

PSCF

Shell Material	Length	Connection	Seal Material
J=S304	05=5"	P=222	S=Silicone
K=S316L	10=10"	Q=226	E=EPDM
	20=20"	F=Double Open End	V=Viton
	30=30"		



Specification

Type	Media		
Design Pressure	1.0	Working Pressure	
Design Temp (°C)	Room Temp	Hydrotest(MPa)	1.25
Body Material	304		

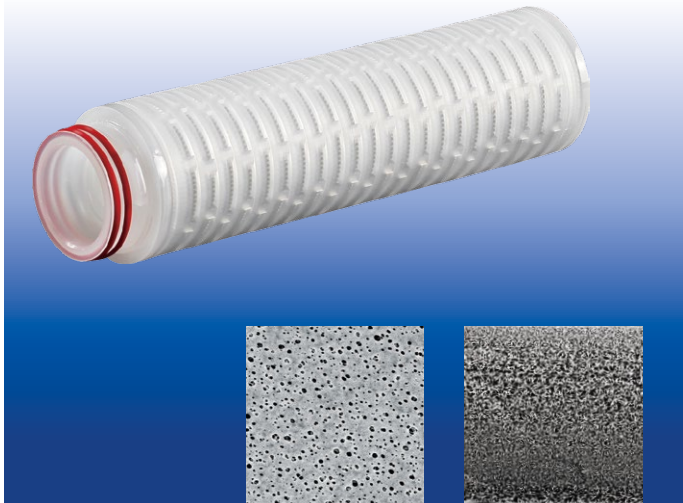
Technical Requirement

1. This equipment refer to 《GB150.1~150.4-2011》 pressure vessel to produce, check and inspect.
2. Deviation not exceeding 1% and not more than 3mm.
3. Tube position according to the top view.
4. Inner surface stand grinding, outer surface polished.
5. Hydrotest keep 30 mins, no leakage, no abnormal sound, no deformation
6. Filter element: 10" Pleated Filter Cartridge

Tube Connection

No	Size	Connection Size	Connection	Function
N1	K1/2"	Tubeφ12.7, connectφ25	Quick Install	Inlet
N2	K1/2"	Tubeφ12.7, connectφ25	Quick Install	Outlet
N3	K1/2"	Tubeφ12.7, connectφ25	Quick Install	Drain

设计	版本	01	Filter Housing	CVCN-0110-316L-K15P10-XL
制图	日期			
校对	数量		Material: SS 304	
审核	重量			
审核	日期		Hangzhou Darlly Filtration Equipment Co., Ltd	



PAA series polyethersulfone (PES) membrane filter is designed to provide greater bacteria and particle removal at high flow rates and low pressure drops in a wide range of biological fluids. It offers the greatest assurance of filtration performance, stability and service life. All components of PAA filter cartridge comply with FDA regulations for food contact use.

Features

- Durable PES and PP components
- Highly porous asymmetric membrane
- Excellent chemical compatibility
- Low extractables
- 100% integrity tested during manufacture

Applications

- Large infusion (LVP), small injection (SVP), eye drops
- sterilization filtration
- Sterilization filtration of biological product
- Sterilization filtration of antibiotic aqueous solution
- Cleaning fluid and disinfectant sterilizing filtration

Dimension

Diameter	69mm
Length	5" , 10" , 20" , 30" , 40"

Material of Constructions

Media	PES
Support	PP
Cage/Core/End	PP
Connection Adaptor	SS Insert, PSU Insert
O-Ring	Silicone, EPDM , Viton®

Performance

Operating Conditions

Max. Operating Temperature	80°C
Max. Operating DP	4 Bar@21°C , 2.4 Bar@80°C

Sterilization

Autoclave Sterilization	121°C , 60 Min
SIP	125°C , 30 Min

Bacterial Retention

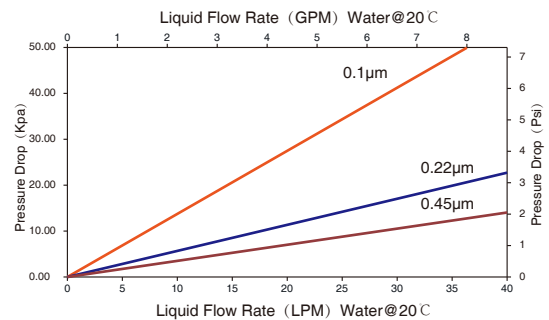
0.22µm	LRV ≥ 7 Pseudomonas diminuta
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Filtration Area

Ø 69mm	0.58 m ² / 10" Filter cartridges
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Extractables

10" Filter Cartridges	< 20mg
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Quality

- Filter Cartridges are manufactured in a clean room environment
- Manufactured according to ISO9001:2015 certified Quality Management System
- 100% integrity test

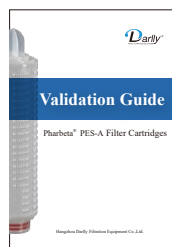
Food Contact Compliance

- Material of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations 21CFR.
- Materials used to produce filter media and hardware meets the specifications for biological safety per USP Class VI-121C for plastics.
- Filter cartridges passed European Commission Directives (EU10/2011)
- Halal Certified

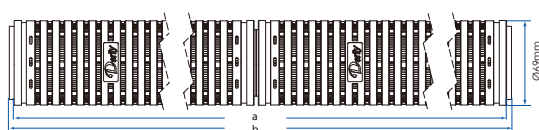
Integrity Test

Micron	Bubble Point ≥ (Water)	Diffusion Flow ≤ (10"Ø69mm)
0.1µm	4.8Bar	25ml/min@4.475Bar
0.22µm	3.2Bar	25ml/min@2.76Bar
0.45µm	2.1Bar	25ml/min@1.70Bar
0.65µm	1.32Bar	12ml/min@1.1Bar

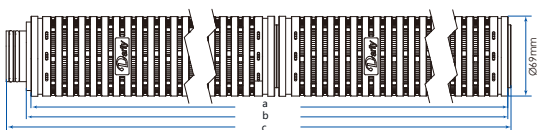
Validation Guide



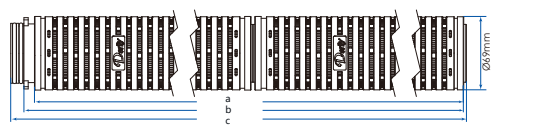
Dimensions



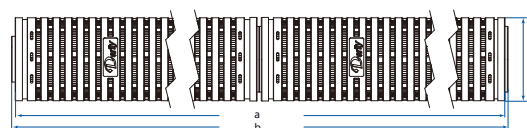
	5"	10"	20"	30"	40"
a	116.0±1	246.0±1	492.0±2	742.0±2	992.0±2
b	125.0±1	254.0±1	500.0±2	750.0±2	1000.0±2



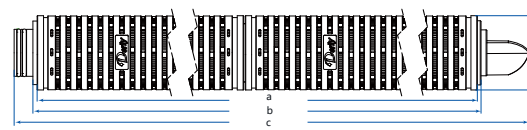
	5"	10"	20"	30"	40"
a	116.0±1	246.0±1	492.0±2	742.0±2	992.0±2
b	120.0±1	250.0±1	500.0±2	750.0±2	1000.0±2
c	140.0±1	270.0±1	520.0±2	770.0±2	1020.0±2



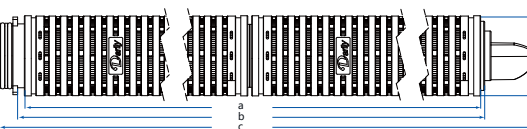
	5"	10"	20"	30"	40"
a	115.0±1	245.0±1	492.0±2	742.0±2	992.0±2
b	120.0±1	250.0±1	500.0±2	750.0±2	1000.0±2
c	139.5±1	269.5±1	519.5±2	769.5±2	1019.5±2



	5"	10"	20"	30"	40"
a	115.0±1	247.0±1	495.5±2	744.0±2	992.5±2
b	120.0±1	252.5±1	501.0±2	749.5±2	998.0±2



	5"	10"	20"	30"	40"
a	116.0±1	242.0±1	492.0±2	742.0±2	992.0±2
b	125.0±1	250.0±1	500.0±2	750.0±2	1000.0±2
c	187.5±1	316.5±1	562.5±2	812.5±2	1062.5±2



	5"	10"	20"	30"	40"
a	116.0±1	242.0±1	492.0±2	742.0±2	992.0±2
b	125.0±1	254.0±1	500.0±2	750.0±2	1000.0±2
c	187.0±1	312.0±1	562.0±2	812.0±2	1062.0±2

Ordering Information

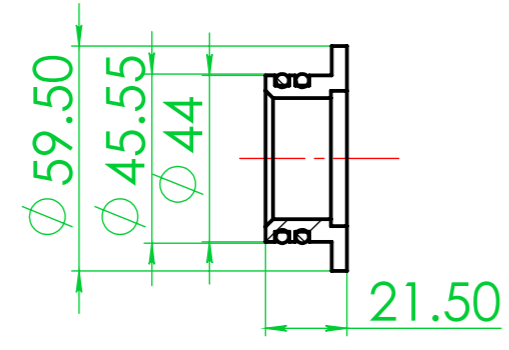
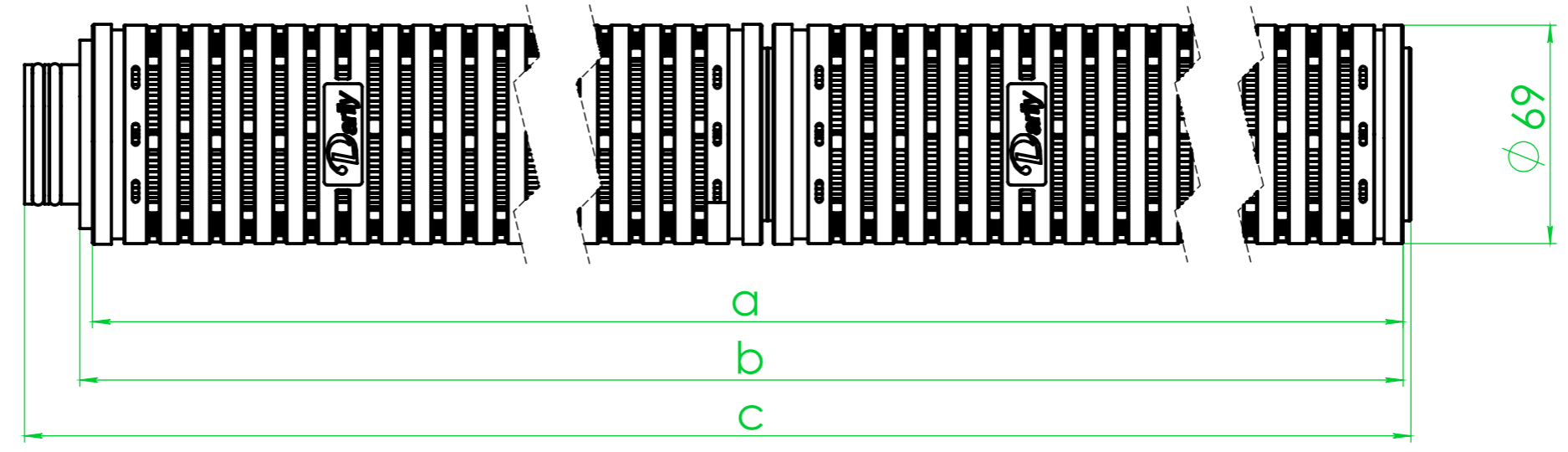


Removal Rating	End Cap Type	Length	Seal Material
0010=0.1µm	K = 222(SS) / Fin	5=5"	S = Silicone
0022=0.22µm	R = 226(SS) / Fin	10=10"	E = EPDM
0045=0.45µm	V = 226(SS) / Flat	20=20"	V = Viton [®]
0065=0.65µm	J = 222(SS) / Flat	30=30"	
	G = 226(PSU) / Flat	40=40"	

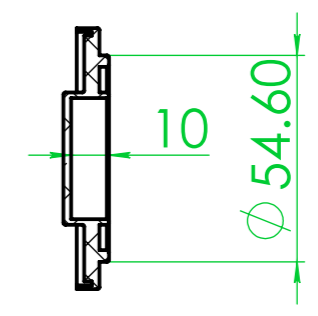
DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.



1		Free-tolerance	
A	0.5~6	±0.1	
	6~30	±0.2	
B	30~120	±0.3	
	120~315	±0.5	
	315~1000	±0.7	
	1000~2000	±1.3	



受控
2020.03.04
技术部



Length			
	a	b	c
5"	116.0±1	120.0±1	140.0±1
10"	246.0±1	250.0±1	270.0±1
20"	496.0±2	500.0±2	520.0±2
30"	746.0±2	750.0±2	770.0±2
40"	996.0±2	1000.0±2	1020.0±2

△c			
△b			
△a			
Change List		Name	REV
Designed By			
Reviewed By			
Checked By			
Approved By			

Pleated Filter	
MATERIAL PES,PTFE,PVDF, NYLON	
Unit	Scale
mm	1:4
Edition: 0	⊕

DarillyTM

TITLE
222/Flat

DWG NO
TD1C10



CERTIFICATE

ATTESTATION CERTIFICATE OF RoHS COMPLIANCE DIRECTIVE 2011/65/EU

Technical File of the company mentioned below has been inspected and assessment has been completed successfully

2011/65/EU RoHS Compliance of Directive have been taken as references for these processes

Company Name : **Hangzhou Darlly Filtration Equipment Co.,Ltd.**

Company Address : No.1 North Beishan Rd,Xindeng,Fuyang,Hangzhou,
Zhejiang province,311404,China

Related Directives and Annex : **Directive 2011/65/EU Restriction of the Use of Certain Hazardous
Substances in Electrical and Electronic Equipment**

Related Standards : EN 50581:2012

Product Name : Filter Cartridge

Report No and Date : SCC(17)50007A-10-1-RoHS

Product Brand/Model/Type : 
Bxxxxxxx,DLxxxxxxx



Certificate Number : **M.2016.201.N1639**

Initial Assessment Date : 19.07.2017

Registration Date : 20.07.2017

Reissue Date/No : -

Expiry Date : 19.07.2022


UDEM International Certification
Auditing Training Centre Industry
and Trade Co. Ltd.

The validity of the certificate can be checked through www.udemltd.com.tr. The CE Mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all relevant directives. Other relevant directives for CE Marking directives have not been considered during RoHS assessment even they may apply. The result relates only to the item(s) tested and no amounts above the limites have been detected. This certificate remains as the property of UDEM International Certification Auditing Training Centre Industry and Trade Co., Ltd. whom it must be returned upon request. The above names firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be noticed in case of any change(s) on the product.

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Phone: +90 0312 443 03 90 **Fax:** +90 0312 443 03 76
E-mail: info@udemltd.com.tr www.udemltd.com.tr

CE





CCAC
conformity assessment

CERTIFICATE OF QUALITY MANAGEMENT SYSTEM

Certificate No: 36918Q10005ROM

This is Certify that the Qualite Management System of

Hangzhou Darlly Filtration Equipment co. LTD

(Organization Code/Credit No91330183776609972L)

Registration Address: No.1Beishan North Road,Xindeng Town,Fuyang
District,Hangzhou City,Zhejiang Province,China

Business Address: No.1Beishan North Road,Xindeng Town,Fuyang
District,Hangzhou City,Zhejiang Province,China

has been assessed and is in conformity with

GB/T 19001-2016/idt ISO 9001:2015

Certification Scope: Designing, developing and manufacturing
of filter cartridges, water filter elements

Signed by:

Issue Date: 18 07 2018

Reissue Date: 18 07 2018

Valld Untll: 17 07 2021



Signer: *汤斐帆*

3301060183284



Approval number
CNCA-R-2017-369



two-dimension
code query

The certificate is valid within term of validity of all administrative and qualification
license subject to the regulation of China
It shall be maintained by regular surveillance assessments and shall be valid when used in conjunction
with the Notice of Surveillance Decision
Website:www.cnca.gov.cn.

ZHONG HE JU XIN (HANGZHOU) CERTIFICATION & TESTING CO., LTD
3F, building 1, block 2, zhuantang science and technology economic Zone,
Xihu District, Hangzhou City, Zhejiang Province

CERTIFICATION ISO 9001 CERTIFICATION