

ProcessGard® Lab Disk Black Shell Disposable Filter

Enable fast, light-sensitive filtration with minimal hold-up in a compact design



The ProcessGard® lab disc black shell disposable filters are engineered for simple, quick, and efficient filtration. Featuring a light-blocking black shell, these filters are ideal for protecting sensitive ink formulation during processing. Their compact, space-saving design minimizes hold-up volume while maximizing throughput.

APPLICATIONS

- UV-curable ink filtration
- Filtration of liquids that require light blocking

FEATURES & BENEFITS

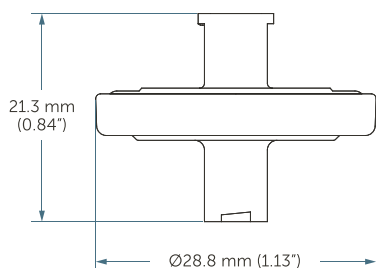
Polypropylene construction	Provides broad ink type compatibility
Available in 2 disposable sizes	Filter size can be selected according to filtration volume

SPECIFICATIONS

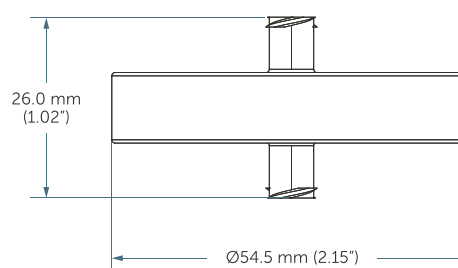
Materials of construction	Media	Polypropylene
	Support	Polypropylene
	Shell	Polypropylene
Fitting connections	Luer Lock	
Retention rating (nominal)	5, 10, 20, 30, 70 μm	
Filtration area	25 size type	3.3 cm^2
	50 size type	15.5 cm^2
Operating conditions	Maximum forward differential pressure	0.3 MPa (3.0 bar, 53.5 psid) @ 20°C (68°F)
	Maximum reverse differential pressure	0.2 MPa (2.0 bar, 29.0 psid) @ 20°C (68°F)
	Maximum operating temperature	60°C (140°F)

DIMENSIONS

ProcessGard Lab Disk Disposable 25 Size
Black shell type



ProcessGard Lab Disk Disposable 50 Size
Black shell type



ORDERING INFORMATION

PART NUMBER	RETENTION RATING	SIZE
PGLB25D1HA25	10 μm	25 size type
PGLB25D2HA25	20 μm	25 size type
PGLB25D3HA25	30 μm	25 size type
PGLB25D50A25	5 μm	25 size type
PGLB25D7HA25	70 μm	25 size type
PGLB50D1HA25	10 μm	50 size type
PGLB50D2HA25	20 μm	50 size type
PGLB50D3HA25	30 μm	50 size type

ORDERING INFORMATION

PART NUMBER	RETENTION RATING	SIZE
PGLB50D50A25	5 µm	50 size type
PGLB50D7HA25	70 µm	50 size type

FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit [entegris.com](https://www.entegris.com) and select the [Contact Us](#) link to find the customer service center nearest you.

TERMS AND CONDITIONS OF SALE

All purchases are subject to Entegris' Terms and Conditions of Sale. To view and print this information, visit [entegris.com](https://www.entegris.com) and select the [Terms & Conditions](#) link in the footer.



Corporate Headquarters
129 Concord
Billerica, MA 01821
USA

Customer Service
Tel +1 952 556 4181
Fax +1 952 556 8022
Toll Free 800 394 4083

Entegris®, the Entegris Rings Design®, and other product names are trademarks of Entegris, Inc. as listed on [entegris.com/trademarks](https://www.entegris.com/trademarks). All third-party product names, logos, and company names are trademarks or registered trademarks of their respective owners. Use of them does not imply any affiliation, sponsorship, or endorsement by the trademark owner.

©2025 Entegris, Inc. | All rights reserved. | Printed in the USA | 4412-14360DSA-1226