

# 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

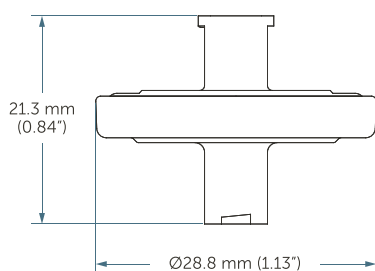
<b>Polypropylene construction</b>	Provides broad ink type compatibility
<b>Available in 2 disposable sizes</b>	Filter size can be selected according to filtration volume

## SPECIFICATIONS

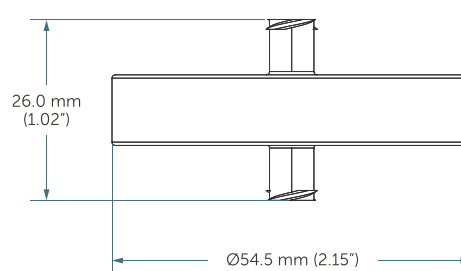
<b>Materials of construction</b>	Media	Polypropylene
	Support	Polypropylene
	Shell	Polypropylene
<b>Fitting connections</b>	Luer Lock	
<b>Retention rating (nominal)</b>	5, 10, 20, 30, 70 $\mu\text{m}$	
<b>Filtration area</b>	25 size type	3.3 $\text{cm}^2$
	50 size type	15.5 $\text{cm}^2$
<b>Operating conditions</b>	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 $\mu\text{m}$	25 size type
PGLB25D2HA25	20 $\mu\text{m}$	25 size type
PGLB25D3HA25	30 $\mu\text{m}$	25 size type
PGLB25D50A25	5 $\mu\text{m}$	25 size type
PGLB25D7HA25	70 $\mu\text{m}$	25 size type
PGLB50D1HA25	10 $\mu\text{m}$	50 size type
PGLB50D2HA25	20 $\mu\text{m}$	50 size type
PGLB50D3HA25	30 $\mu\text{m}$	50 size type
PGLB50D50A25	5 $\mu\text{m}$	50 size type
PGLB50D7HA25	70 $\mu\text{m}$	50 size type

#### FOR MORE INFORMATION

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