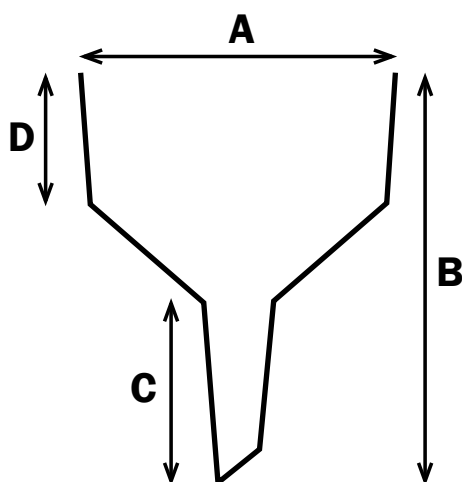


Polypropylene Buchner Funnel Filters

- Made from robust polypropylene
- Designed to be used with a filtering flask and vacuum to speed up filtering process
- Fully autoclavable
- 2-piece assembly – easy to clean

These Buchner funnels are designed for filtration in the lab. They're made from robust polypropylene, giving them a sturdy construction. Buchner funnels are used in combination with a filtering flask so that vacuum suction can be applied, speeding up the filtration process considerably.



Dimensions

Part No.	Size (mm)	A (mm)	B (mm)	C (mm)	D (mm)
LP1510PP-70	70	75	145	58	55
LP1510PP-130	130	130	210	88	75



Data Sheet

Physical Properties of Polypropylene (PP)

Usage Temp Max. (°C)	Brittleness Temp (°C)	Transparency	Specific Gravity	Flexibility	Water Absorption (%)
135	0	Translucent	0.90	Rigid	< 0.02

Sterilisation

Autoclaving (121°C, 15 psig for 20 minutes)
NOTE: Always Autoclave Micro Centrifuge Tubes with the Cap open.

Dry Cycle Do not use as this may cause deformation or weakening of the plastic.

Radiation Do not use as this may cause deformation or weakening of the plastic.

Gas Ethylene oxide, formaldehyde.

Disinfection Benzalkonium chloride, Formalin, Ethanol, etc

Autoclaving Guidelines

- Clean and rinse item with distilled water before autoclaving.
- Certain chemicals which have no appreciable effect on resins at room temperature may cause deterioration at autoclaving temperatures.
- These plastic consumables are autoclavable at 121°C for 15 minutes, 15psi/1 atm.
- Do not use a dry cycle as this may cause deformation or weakening of the plastic.
- Allow temperature within the autoclave to return to at least 80°C before removing the product

Chemical Resistance for Polypropylene (PP)

Class of substance at room temperature	Performance
Acids (Dilute/Weak)	E
Acids (Strong/Concentrated)	E
Alcohols (Aliphatic)	E
Aldehydes	G
Bases	E
Esters	G
Hydrocarbons (Aliphatic)	G
Hydrocarbons (Aromatic)	F
Hydrocarbons (Halogenated)	F
Ketones	G
Oxidising Agents (Strong)	F

E = Excellent, 30 days of constant exposure causes no damage. Plastics may even tolerate for years.

G = Good, little or no damage after 30 days of constant exposure to the reagent.

F = Fair, some effect after 7 days of constant exposure can include crazing, cracking, loss of strength or discoloration.

