

CFDPLAS® PTFE CENTRIFUGE TUBE

CFDPLAS® Polytetrafluoroethylene centrifuge tubes/digestion tubes feature a built-in threaded opening and a threaded sealing cap to prevent sample leakage.

Preventing sample leakage is particularly important when using samples containing radioactive or highly corrosive materials.

The threaded cap also serves to prevent sample volatilizing and supports the centrifuge tube, preventing deformation. They can be used in various equipment, such as centrifuges, microwave digesters, and acid removers, depending on experimental needs.

Features:

After heating and pressurizing, they can quickly and non-destructively dissolve samples that are difficult to dissolve under normal conditions, as well as samples containing volatile elements;

Shorten analysis time and provide reliable data;

Acid and alkali resistance;

Sample pretreatment for digestion of heavy metals, pesticide residues, food, sludge, rare earth elements, aquatic products, and organic matter;

Applications:

Primarily used for the separation and preparation of various biological samples.

Biological sample suspensions are placed in centrifuge tubes. Under high-speed rotation, the enormous centrifugal force causes suspended particles (such as organelles and biological macro-molecules) to settle at a steady rate, thus separating them from the solution. It is also widely used in graphite digesters, microwave digesters, and other equipment to digest difficult-to-dissolve samples such as heavy metals.

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Centrifuge Tube Model No.	Volume (ml)	Diameter (mm)	Height (mm)	Bottom R/C/F	Remarks Thickness (mm)
CFD-CFT-7005	5	16	53	R	2.0 / PTFE
CFD-CFT-7010	10	16	106	R	2.0 / PTFE
CFD-CFT-7015	15	20	141	R	2.0 / PTFE
CFD-CFT-7020	20	22	106	R	2.0 / PTFE
CFD-CFT-7025	25	29	114	R	2.0 / PTFE
CFD-CFT-7030	30	25	117	R	2.0 / PTFE
CFD-CFT-7050	50	29	129	R	2.0 / PTFE
CFD-CFT-7100	100	38	134	R	2.0 / PTFE

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