

TUBES AND PESTLES

STRAIGHT, POTTER-ELVEHJEM TYPE HOMOGENIZERS

PTFE Pestles – for grinding softer material with less heat generation and contamination

- 41.3mm long PTFE tip on a 178mm long x 4.76mm diameter stainless steel shaft.
- Shafts fit adjustable chucks on any listed motor drives.
- All shafts specially notched to fit the 099C L11 quick-change chuck.

Glass reinforced PTFE pestles - for moderately tough tissue maintains feature of PTFE

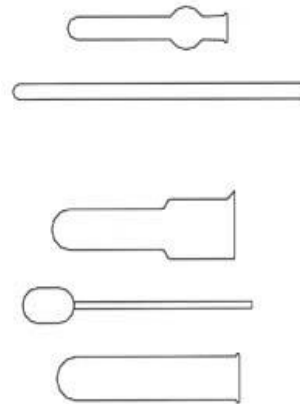
- 41.3mm long glass reinforced PTFE tip on a 178mm long x 4.76mm diameter stainless steel shaft.
- Shafts fit adjustable chucks on any listed motor drives.
- All shafts specially notched to fit the 099C L11 quick-change chuck.

Glass Pestles – for grinding tougher sample tissue

- Medium ground-glass surface tip on 10 mm diameter glass shaft.
- 099C S24 is ground its entire length and can be reversed for double life.
- All sizes may be used with either the 099C L14 or 099C L15 flex-grip motor chuck.

Tubes

- Precision-bore borosilicate glass.
- For grinding softer tissue
- About 146mm long, except the 099C S38, which is 102mm long for centrifuge use.
- Tubes for glass pestles have medium-ground surface on inside walls of grinding chamber.
- Tube diameter listed is the approximate outside diameter of the grinding section.



099C S24 pestle and 099C S34 tube shown above

Note on charts: "Capacity" is the maximum usable liquid capacity with the pestle moving in the tube. "Clearance" is the difference between the pestle outside diameter and the tube inside diameter.

Straight Glass Pestles & Tubes

Capacity	Catalog Number	Description	Outside Diameter (mm)	Clearance (mm)	Weight (kgs)
8 ml	099C S24	Glass pestle	9.84	-	-
-	099C S34	Tube for S24 pestle	10.02	.18-.23	0.02
15 ml	099C S26	Glass pestle	15.14	-	-
-	099C S36	Tube for S26 pestle	15.32	.18-.23	0.02
40 ml	099C S29	Glass pestle	24.54	-	-
-	099C S39	Tube for S29 pestle	24.71	.18-.23	0.02

Straight PTFE Pestles & Glass Tubes

Capacity	Catalog Number	Description	Outside Diameter (mm)	Clearance (mm)	Weight (kgs)
2 ml	099C S20	PTFE pestle	7.82	-	-
-	099C S30	Tube for S20 pestle	8.00	.18-23	0.2
10 ml	099C S21	PTFE pestle	15.14	-	-
-	099C S31	Tube for S21 pestle	15.32	.18-23	0.2
15 ml	099C S21	PTFE pestle	15.14	-	-
-	099C S35	Tube with overflow chamber for S21 pestle	15.32	.18-23	0.2
5 ml	099C S21	PTFE pestle	15.14	-	-
-	099C S38	Tube, short for centrifuge use for S21 pestle	15.32	.18-23	0.2
10 ml	099C S21G	Glass reinforced PTFE pestle	15.14	-	-
-	099C S31	Tube for S21G pestle	15.32	.18-23	0.2
15 ml	099C S21G	Glass reinforced PTFE pestle	15.14	-	-
-	099C S35	Tube with overflow chamber for S21G pestle	15.32	.18-23	0.2
5 ml	099C S21G	Glass reinforced PTFE pestle	15.14	-	-
-	099C S38	Tube, short for centrifuge use for S21G pestle	15.32	.18-23	0.2
20 ml	099C S22	PTFE pestle	18.69	-	-
-	099C S32	Tube for S22 pestle, extra-heavy wall	18.87	.18-23	0.2
30 ml	099C S23	PTFE pestle	24.54	-	-
-	099C S33	Tube for S23 pestle	24.71	.18-23	0.2
40 ml	099C S23	PTFE pestle	24.54	-	-
-	099C S37	Tube with overflow chamber for S23 pestle	24.71	.18-23	0.2
30 ml	099C S23G	Glass reinforced PTFE pestle	24.54	-	-
-	099C S39	Tube for S23G pestle	24.71	.18-23	0.2
40 ml	099C S23G	Glass reinforced PTFE pestle	24.54	-	-
-	099C S37	Tube with overflow chamber for S23G pestle	24.71	.18-23	0.2