

Test Print	Cura Settings Description	Expected Printing Time and Resources	Actual Time and Dimensions	STL and G-Code Files
2cm cube	Low Quality Setting	20 min, 4g, 1.36m	23 min H 19.94mm W 20.11 mm	cube_2cm.stl cube_low.gcode
2cm cube	Standard Quality Setting	26 min, 4g, 1.28m	29 min H 20.02 mm W 19.70 mm	cube_2cm.stl cube_standard.gcode
2cm cube	Super Quality Setting	49 min, 4g, 1.46m	51 min H 19.92 mm W 20.00 mm	cube_2cm.stl cube_high.gcode
2cm cube	Standard Quality Setting Concentric Top and Bottom Layer	25 min, 4g, 1.28m	27 min H 19.95mm W 19.68mm	cube_2cm.stl cube_concentric.gcode
tube 3cm in diameter and 3cm high	Standard Quality Setting 0.4mm Wall Thickness	25 min, 3g, 0.94m	30 min H 30.05 mm Outer D 30.42 mm Inner D 28.56 mm	tube_single.stl tube_single.gcode
tube 3cm in diameter and 3cm high	Standard Quality Setting 0.8mm Wall Thickness Random Z-Seam Alignment	28 min, 3g, 0.93m	31 min H 29.99 mm Outer D 29.93 mm Inner D 28.37 mm	tube_double.stl tube_double.gcode
cylinder 3cm in diameter exported with a 0.1mm tolerance	Low Quality Setting Concentric Top and Bottom Pattern 15% Infill	35 min, 8g, 2.63m	39 min H 30.47 mm D 30.00 mm	cylinder_1tenthmm_tol.stl cylinder_1tenthmm_tol.gcode
cylinder 3cm in diameter with a 0.001 tolerance	Low Quality Setting Concentric Top and Bottom Pattern 15% Infill	36 min, 8g, 2.64m	40 min H 29.98 mm D 30.07 mm	cylinder_1thousandthmm_tol.stl cylinder_1thousandthmm_tol.gcode
cylinder 3cm in diameter	Standard Quality Setting 15% Infill Spiralize Outer Contour	28 min, 2g, 0.71m	30 min H 30.05 mm D 30.51 mm Wall Thickness 0.45mm	cylinder_1thousandthmm_tol.stl cylinder_spiral.gcode
cylinder 3cm in diameter printed on its side with supports on	Low Quality Setting 15% Infill Supports Generated	50 min, 9g, 3.01m	52 min H 30.19 mm D 30.00 mm	cylinder_1thousandthmm_tol.stl cylinder_supports.gcode
20.0mm +/- 0.1mm cube with a 10.0mm +/- 0.1mm hole through it	Trial 1			
	Super Quality Setting 15% Infill	58 min, 4g, 1.46m	62 min Cube H 19.94 mm Cube W 19.96 mm Hole D 9.29 mm	cube_hole.stl cube_hole_1.gcode
	Trial 2			
	Standard Quality Setting 20% Infill 0.4mm Wall Thickness	28 min, 3g, 1.02m	29 min Cube H 20.03 mm Cube W 20.05 mm Hole D 10.00mm	cube_hole.stl cube_hole_2.gcode