

4titude® TubeMarker™ 2 Tube Compatibility Table

Tube Specification				TubeMarker Software and Hardware Settings							Advanced Settings (for ribbon)									Legible and Reproducible Print?	Additional Comments
Cat. No.	Description	Cap Type (External/Internal)	Volume	Tube Print Area (mm)	Tube Diameter (mm)	Recommended Font Size	Recommended Adapter	Tube Support Platform	Magnetic Tube Support	Blue Ribbon (4ti-0686)			Black/White Ribbon (4ti-0689 / 4ti-0688)			Universal Black Ribbon (4ti-0689-1)					
										Compatible with Tube?	Pressing Force	Additional Heating Time	Compatible with Tube?	Pressing Force	Additional Heating Time	Compatible with Tube?	Pressing Force	Additional Heating Time			
4titude																					
4ti-0797	Eppendorf style safe-lock, smooth frosted writing area, graduations	Flip top, safe-lock	1.5 ml	18	11	16	4ti-0681			YES	30	20	YES	40	0	YES	30	0	YES	Line the point of the arrow up with the left hand side of the hinge	
4ti-0798	Eppendorf style safe-lock, smooth frosted writing area, graduations	Flip top, safe-lock	2 ml	30	11	20	4ti-0681			YES	30	20	YES	40	0	YES	30	0	YES	Line the point of the arrow up with the left hand side of the hinge	
Adelphi																					
7-6009-11-01	Redipac tube, natural PP	Push cap	1 ml	24	12	20	n/a	YES	YES - 60 mm	YES	30	20	NO	X	X	NO	X	X	YES	Perfect prints in the blue metallic ribbon	
Analytik Jena																					
31-01140	Spin filter D	Flip top	1.5 ml	18	11	18	4ti-0681	NO	NO	YES	45	20	NO	X	X					Blue ribbon produces bold, legible prints	
845-TU-0010050	Receiver tubes	Flip top	2 ml	30	11	20	4ti-0681	NO	NO	YES	30	20	NO	X	X					Blue ribbon produces bold, legible prints	
Axygen																					
321-05-051	Clear, smooth surface without graduations and frosted window	Flip top	0.5 ml	15	8	15	4ti-0682	NO	NO	YES	30	20	YES	40	0					Clear, consistent and legible print	
SCT-5ML-S	Storage tube	External	5 ml	40	16	20	4ti-0685-3			YES	30	20								For best results print within the frosted window	
BD Vacutainer EDTA																					
367864	BD Vacutainer® Plus plastic whole blood tube. Lavender BD Hemogard™ closure	External	6 ml	40	12	25	4ti-0684	YES - to vary position of print		YES	30	20	YES	40	0					Avoid the white sticky label, you must print onto the plastic	
Biosigma																					
CL2ARIPSTS	Barcoded cryotube, rounded bottom	Internal	2 ml	25	12	20-25	4ti-0684	YES	YES	YES	30	20	YES	40	0	YES	30	0	YES	Printing on the white label gives great contrast when scanning barcodes	
CL2ARBIPSTS	Barcoded cryotube, self-standing	Internal	2 ml	25	12	20-25	4ti-0684	YES	YES	YES	30	20	YES	40	0	YES	30	0	YES	Printing on the white label gives great contrast when scanning barcodes	
CL4ARIPSTS	Barcoded cryotube, rounded bottom	Internal	4 ml	40	12	20-25	4ti-0684	YES - to vary position of print		YES	30	20	YES	40	0	YES	30	0	YES	Printing on the white label gives great contrast when scanning barcodes	
CL4ARBIPSTS	Barcoded cryotube, self-standing	Internal	4 ml	40	12	20-25	4ti-0684	YES - to vary position of print		YES	30	20	YES	40	0	YES	30	0	YES	Printing on the white label gives great contrast when scanning barcodes	
CL5ARIPSTS	Barcoded cryotube, rounded bottom	Internal	5 ml	40	12	20-25	4ti-0684	YES - to vary position of print		YES	30	20	YES	40	0	YES	30	0	YES	Printing on the white label gives great contrast when scanning barcodes	
CL5ARBIPSTS	Barcoded cryotube, self-standing	Internal	5 ml	40	12	20-25	4ti-0684	YES - to vary position of print		YES	30	20	YES	40	0	YES	30	0	YES	Printing on the white label gives great contrast when scanning barcodes	
CL2AREPSTS	Barcoded cryotube, rounded bottom	External	2 ml	25	12	20-25	4ti-0684			YES	30	20	YES	40	0	YES	30	0	YES	Printing on the white label gives great contrast when scanning barcodes	
CL2ARBEPSTS	Barcoded cryotube, self-standing	External	2 ml	25	12	20-25	4ti-0684			YES	30	20	YES	40	0	YES	30	0	YES	Printing on the white label gives great contrast when scanning barcodes	
CL3ARBEPSTS	Barcoded cryotube, self-standing	External	3 ml	30	12	20-25	4ti-0684			YES	30	20	YES	40	0	YES	30	0	YES	Printing on the white label gives great contrast when scanning barcodes	
CL4ARBEPSTS	Barcoded cryotube, self-standing	External	4 ml	40	13	20-25	4ti-0685	YES - to vary position of print		YES	30	20	YES	40	0	YES	30	0	YES	Printing on the white label gives great contrast when scanning barcodes	
CL5ARBEPSTS	Barcoded cryotube, self-standing	External	5 ml	40	14	20-25	4ti-0686	YES - to vary position of print		YES	30	20	YES	40	0	YES	30	0	YES	Printing on the white label gives great contrast when scanning barcodes	

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4titude® TubeMarker™ 2 Tube Compatibility Table

Tube Specification				TubeMarker Software and Hardware Settings							Advanced Settings (for ribbon)									Legible and Reproducible Print?	Additional Comments
Cat. No.	Description	Cap type (External/Internal)	Volume	Tube Print Area (mm)	Tube Diameter (mm)	Recommended Font Size	Recommended Adapter	Tube Support Platform	Magnetic Tube Support	Blue Ribbon (4ti-0686)			Black/White Ribbon (4ti-0689 / 4ti-0688)			Universal Black Ribbon (4ti-0689-1)					
										Compatible with Tube?	Pressing Force	Additional Heating Time	Compatible with Tube?	Pressing Force	Additional Heating Time	Compatible with Tube?	Pressing Force	Additional Heating Time			
Carl Roth																					
7080.1	Micro-centrifuge tube, clear	Flip top	1.5 ml	18	11	16	4ti-0681			YES	30	20	YES	40	0					Blue prints more legible and consistent than black; although black does work, blue is recommended for this tube	
AA80.1	Micro-centrifuge tube, black	Flip top	1.5 ml	18	11	16	4ti-0681			NO	X	X	YES	40	0					Do not print onto frosted window	
N459.1	Writing field, graduations, centrifuge tube	External	15 ml	40	17	20	4ti-0685-2	YES - to vary position of print		YES	30	20	YES	40	0					Printing on the writing field gives great contrast when scanning barcodes	
Corning																					
430492	Cryo-tube, white writing field	Internal	5 ml	40	12	20	4ti-0684	YES		YES	30	20	NO	X	X						
430829	CentriStar™ centrifuge tube	External	50 ml	40	29	25+	4ti-0685-5	YES		YES	30	20	NO	X	X	YES	30	0	YES		
Eppendorf																					
0030121023	Graduations	Flip top, safe-lock	0.5 ml	15	8	13	4ti-0682			YES	30	20	YES	40	0	YES	30	0	YES		
0030122305	Frosted window, graduations	External	5 ml	30	17	18	4ti-0685-2			YES	30	20	YES	40	0	YES	30	0	NO	Avoid frosted window and graduations; prints are unachievable in these areas of the tube	
Falcon																					
352059	Writing field, graduations, centrifuge tube	External	14 ml	40	16	20	4ti-0685-2	YES - to vary position of print		YES	30	20	YES	40	0	YES	30	0	YES	Avoid printing onto the frosted window of this tube with blue; black does not bond to the white label	
FastGene																					
FG-SCR-20S	Micro tube with knurls	External	2 ml	30	11	20	4ti-0685-1	YES - to vary position of print	YES - to vary position of print	YES	30	20	YES	40	0	YES	30	0	YES	Great surface to print onto	
FG-SCR-05S	Micro tube with knurls	External	0.5 ml	30	11	20	4ti-0685-1	YES - to vary position of print	YES - to vary position of print	NO	X	X	NO	X	X	NO	X	X	NO	Print results awful due to inner vessel creating uneven surface - tube not compatible	
FluidX																					
66-52330	Internal co-moulded screw cap, 96 well format storage tube	Internal	1.4 ml	30	9	20	4ti-0683	YES	YES - to ensure bottom of screw cap is above adapter	NO	X	X	YES	40	0	YES	30	0	YES		
66-32034	Internal co-moulded screw cap, 96 well format storage tube	Internal	1 ml	22	9	18	4ti-0683	YES	YES - to ensure bottom of screw cap is above adapter	NO	X	X	YES	40	0	YES	30	0	YES		
68-1000-12	External screw cap, 96 well format storage tube	External	1 ml	30	9	20	4ti-0683	YES	YES - to vary position of print	YES	30	20	NO	X	X	YES	30	0	YES	Pivot point 2 ml lower	
68-0700-11N	External screw cap, 96 well format storage tube	External	0.7 ml	15	9	18	4ti-0683			YES	30	20	NO	X	X	YES	30	0	YES	Pivot point 2 ml lower	
68-0704-11	External screw cap, 96 well format storage tube, co-moulded jacket tube	External	0.7 ml	15	9	18	4ti-0683			YES	30	20	YES	40	0	YES	30	0	YES	Only white visible on black part of tube	
Greiner																					
188271	Writing field, graduations, centrifuge tube	External	15 ml	40	17	20	4ti-0685-2	YES - to vary position of print		YES	35	20	YES	40	0	YES	40	0	YES	4ti-0689 does not bond to white label, perfect and legible print on clear plastic part of tube; 4ti-0686 & 4ti-0689-1 adheres to the white label as well as the clear plastic	

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										Compatible with Tube?	Pressing Force	Additional Heating Time	Compatible with Tube?	Pressing Force	Additional Heating Time	Compatible with Tube?	Pressing Force	Additional Heating Time			
Greiner																					
227261	Writing field, graduations, centrifuge tube	External	50 ml	40	30	25	4ti-0685-3	YES - to vary position of print		YES	35	20	YES	40	0	YES	40	0	YES	Clear and legible prints hard to achieve on white label; perfectly achievable on clear plastic of tube with a greater area to mark	
459020	Vacurette Simplex, 75 x 13 mm Secondary Tube	n/a	5 ml	40	12	25	4ti-0685-2	YES - to vary position of print		YES	30	20	YES	40	0	YES	30	0	YES	Consistently legible prints	
MP Biomedicals																					
116925500	Metal bead lysing matrix tubes with knurls	External	2 ml	25	10	20	4ti-0685-1	NO	NO	YES	30	20	YES	40	0	YES	30	0	YES	4ti-0686 and 4ti-0689-1 recommended	
Nalgene																					
5000-0012	Cryo-tube, white writing field	External	1.2 ml	16	12	16	4ti-0684			YES	30	20	NO	X	X	YES	30	0	YES	Black does not bond to white label, perfect and legible print on clear plastic part of tube	
Promega																					
AS620A	Clear, flip-top, smooth frosted writing field, graduations	Flip top	0.5 ml	15	8	13	4ti-0682	NO	NO	YES	30	20	YES	40	0				YES	Clear, consistent and legible prints	
Qiagen																					
55114	Microcentrifuge tube, flip top cap, clear, graduations and frosted window	Flip top	1.5 ml	17	11	15	4ti-0681	NO	NO	NO	X	X	NO	X	X	NO	X	X	NO	Tube incompatible due to sink spots and inconsistent marking	
Sarstedt																					
72.609	Micro tube with knurls and white label	External	2 ml	30	10	20	4ti-0685-1	NO	NO	YES	30	20	YES	40	0	YES	30	0	YES	Clear, consistent and legible prints	
72.687.772	Screw cap micro tube	External	1.5 ml	15	11	17	4ti-0681	YES	YES	YES	30	20	YES	40	0	YES	30	0	NO	Consistent prints hard to achieve due to apparent sink spots in tube	
72.695.005	Microcentrifuge tube, safe-lock cap, green	Flip top	2 ml	32	11	17-20	4ti-0681	NO	NO	YES	45	20	NO	X	X				YES	"Good" print on frosted surface; perfect and legible in between frosted surface and graduations	
62.554.502	Writing field, graduations, centrifuge tube	External	15 ml	40	16	25	4ti-0685-2	YES - to vary position of print	NO	YES	30	20	YES	40	0	YES	30	0	YES	Clear, consistent and legible prints	
62.547.254	Writing field, graduations, centrifuge tube	External	50 ml	40	30	25	4ti-0685-3	YES - to vary position of print	NO	YES	30	20	YES	40	0	YES	30	0	YES	Clear, consistent and legible prints	
Simport																					
T361TBR	Brown	External	1.5 ml	16	10	15	4ti-0685-1	NO	NO	YES	30	20	YES	40	0				YES	White prints perfect for this tube; three lines in a horizontal orientation, max font size 16	
SSI Bio																					
127000	Clear capless tube	n/a	1.7 ml	18	11	18	4ti-0681	NO	NO	YES	30	20	NO	X	X	YES	30	0	NO	Print not reproducible	
1310-00	SSI Eppendorf-style tubes	Flip top	2 ml	30	11	20	4ti-0681	NO	NO	YES	30	20	YES	40	0	YES	30	0	NO	Ribbons adhere well to the tube surface but a letter is often missing right beneath the frosted window as it is slightly prominent	

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Techno Plas																				
P5016SU	Yellow capped storage tube	External	5 ml	38	15	25	4ti-0685-2	YES	YES - to vary position of print	YES	30	20	YES	40	0	YES	30	0	YES	
VWR																				
211-00939 (EU) 16466-060 (NA)	Heat + acid resistant tubes	Flip top	2 ml	20	10	18-20	4ti-0685-1	YES	YES - to ensure the print begins beneath the frosted section	YES	30	20	NO	X	X	YES	30	0	YES	Position the tube so that the text begins beneath the frosted section for perfect prints; printing over the frosting can cause issues

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