

# Thermo Scientific Matrix Pipette Tip Compatibility

## Matrix® Pipettes

A = Requires Special Tip Ejector  
(Included with pipette)

### Matrix Pipette Tips

Matrix Pipette Tips	Cat. No.	Electronic Single Channel					Electronic Multichannel (6-, 8- and 12-Channel) Fixed, Equalizer, EXP					Electronic Multichannel 16-Channel and 384- Equalizer			Hybrid Single Channel					Hybrid Multichannel 8-Channel and 12-Channel		
		12.5 µl	30 µl	125 µl	250 µl	1250 µl	12.5 µl	125 µl	250 µl	850 µl	1250 µl	12.5 µl	30 µl	125 µl	12.5 µl	30 µl	125 µl	300 µl	1250 µl	12.5 µl	30 µl	300 µl
		1029	1020	1021	1022 1122	1024 1124	2019 2009 2029	2001 2011 2021	2002 2012 2022 2032	2014	2004 2024 2034 2624	2069 2139 2239	2130 2230 2060	2131 2231 2061	1081	1082	1083	1084	1085	2310 2320	2312 2322	2315 2325
30 µl TallTip	7600, 7631, 7632	●	●				●															
12.5 µl Filter TallTip	7635	●	●				●															
250 µl Tip	7250, 7151, 7152, 7156			●	●		●	●														
200 µl Filter Tip	7275			●	●		●	●														
30 µl Filter Tip	7155		A																			
250 µl TallTip	7280, 7281, 7282			●	●		●	●														
200 µl Filter TallTip	7285			●	●		●	●														
300 µl Tip	7320, 7321, 7322			●	●		●	●														
250 µl Filter Tip	7325			●	●		●	●														
300 µl TallTip	7080, 7081, 7082			●	●		●	●														
250 µl Filter TallTip	7085			●	●																	
1250 µl Tip	8050, 8041, 8042, 8046					●			●	●												
1250 µl Filter Tip	8045					●			●	●												
1250 µl TallTip	8250, 8241, 8242, 8246					●			●	●												
1250 µl Filter TallTip	8245					●			●	●												
12.5 µl 384 Tip	7421, 7422										●											
12.5 µl 384 Filter Tip	7425										●											
30 µl 384 Tip	7431, 7432											●										
30 µl 384 Filter Tip	7435											●										
125 µl 384 Tip	7441, 7442												●									
125 µl 384 Filter Tip	7445												●									
12.5 µl/30 µl ClipTip	7120, 7121, 7122													●	●					●	●	
12.5 µl Filter ClipTip	7165													●						●		
30 µl Filter ClipTip	7175														●						●	
125 µl/300 µl ClipTip	7130, 7131, 7132															●	●					●
125 µl/300 µl Filter ClipTip	7135															●	●					●
1250 µl ClipTip	7140, 7141, 7142																		●			
1250 µl Filter ClipTip	7145																		●			

# Thermo Scientific Matrix Tip Specifications



Matrix Tip	Item No.	Tip Diameter	Tip Shoulder	Overall Length	Inner Orifice Diameter
<b>30 µl TallTip and Filter TallTip</b>	7600, 7631, 7632, 7635	0.216"/5.49 mm	0.265"/6.73 mm	1.60"/40.6 mm	0.016"/0.41 mm
<b>250 µl Tip</b>	7250, 7151, 7152, 7155, 7156	0.295"/7.49 mm	0.635"/16.13 mm	1.94"/49.2 mm	0.018"/0.46 mm
<b>200 µl Filter Tip</b>	7275	0.280"/7.11 mm	0.732"/18.59 mm	2.13"/54.1 mm	0.020"/0.51 mm
<b>250 µl TallTip and Filter Tip</b>	7280, 7281, 7282, 7285	0.295"/7.49 mm	0.750"/19.05 mm	3.06"/77.7 mm	0.018"/0.46 mm
<b>300 µl Tip and Filter Tip</b>	7320, 7321, 7322, 7325	0.275"/6.95 mm	0.750"/19.05 mm	2.28"/57.8 mm	0.018"/0.46 mm
<b>300 µl TallTip and Filter Tip</b>	7080, 7081, 7082, 7085	0.295"/7.49 mm	0.750"/19.05 mm	4.01"/101.9 mm	0.018"/0.46 mm
<b>1250 µl Tip and Filter Tip</b>	8050, 8041, 8042, 8046, 8045	0.348"/8.84 mm	1.140"/28.95 mm	3.10"/78.7 mm	0.035"/0.89 mm
<b>1250 µl TallTip and Filter Tip</b>	8250, 8241, 8242, 8246, 8245	0.348"/8.84 mm	1.140"/28.95 mm	4.03"/102.4 mm	0.030"/0.76 mm
<b>12.5 µl 384 Tip and Filter Tip</b>	7421, 7422, 7425	0.170"/4.32 mm	0.354"/8.99 mm	1.60"/40.6 mm	0.010"/0.25 mm
<b>30 µl 384 Tip and Filter Tip</b>	7431, 7432, 7435	0.170"/4.32 mm	0.354"/8.99 mm	1.90"/48.3 mm	0.012"/0.30 mm
<b>125 µl 384 Tip and Filter Tip</b>	7441, 7442, 7445	0.170"/4.32 mm	0.354"/8.99 mm	2.14"/54.3 mm	0.018"/0.46 mm
<b>12.5 µl/30 µl ClipTip and Filter ClipTip</b>	7120, 7121, 7122, 7165, 7175	0.324"/8.23 mm	0.289"/7.34 mm	1.97"/50 mm	0.013"/0.33 mm
<b>125 µl/300 µl ClipTip and Filter ClipTip</b>	7130, 7131, 7132, 7135	0.324"/8.23 mm	0.289"/7.34 mm	2.56"/65 mm	0.018"/0.46 mm
<b>1250 µl ClipTip and Filter ClipTip</b>	7140, 7141, 7142, 7145	0.346"/8.79 mm	0.799"/20.32 mm	4.29"/109 mm	0.029"/0.76 mm