

Conversion Chart (0.024 I.D. inches to 0.80 I.D inches)

Part No.	BC5		BC1		BC2		BC3		BC4		BC75		BC80		BC85		BC90			
	BC26	BC28	BC31	BC36	BC40	BC42	BC44	BC46	BC49	BC50	BC52	BC54	BC55	BC59	BC64	BC70	BC75	BC80	BC85	BC90
Tube I.D.	0.026	0.028	0.031	0.036	0.040	0.042	0.044	0.046	0.049	0.050	0.052	0.054	0.055	0.059	0.064	0.070	0.075	0.080	0.085	0.090
0.024	1.430	2.160	3.890																	
0.025	1.120	1.640	3.040																	
0.026	1.000	1.520	2.580																	
0.027	0.810	1.200	2.070																	
0.028	0.660	1.000	1.710	3.950																
0.029	0.560	0.840	1.440	3.300																
0.030	0.460	0.68	1.180	2.680																
0.031	0.390	0.595	1.000	2.260																
0.032	0.325	0.500	0.850	1.930	3.610															
0.033		0.435	0.680	1.642	3.520															
0.034		0.340	0.615	1.388	2.588															
0.035		0.300	0.525	1.185	2.210	2.930	3.934													
0.036		0.250	0.378	1.000	1.840	2.416	3.250	4.240												
0.037				0.856	1.569	2.072	2.761	3.530												
0.038				0.738	1.335	1.742	2.329	2.974												
0.039				0.645	1.164	1.526	2.014	2.570	3.835											
0.040				0.551	1.000	1.306	1.741	2.242	3.275	3.749										
0.041				0.479	0.866	1.149	1.509	1.927	2.816	3.240										
0.042				0.416	0.760	1.000	1.302	1.681	2.417	2.740	3.535									
0.043				0.362	0.665	0.870	1.153	1.472	2.109	2.388	3.047									
0.044				0.311	0.583	0.768	1.000	1.277	1.820	2.063	2.606	3.470								
0.045				0.270	0.507	0.669	0.878	1.121	1.612	1.827	2.293	3.025								
0.046				0.236	0.446	0.595	0.783	1.000	1.410	1.600	2.021	2.640	2.985							
0.047					0.378	0.531	0.700	0.889	1.250	1.415	1.760	2.313	2.624	4.157						
0.048					0.345	0.468	0.617	0.788	1.114	1.254	1.566	2.040	2.305	3.653						
0.049					0.298	0.415	0.551	0.709	1.000	1.123	1.390	1.811	2.026	3.115						
0.050					0.257	0.375	0.484	0.625	0.891	1.000	1.156	1.613	1.809	2.843						
0.051						0.322	0.431	0.550	0.795	0.892	1.107	1.425	1.598	2.453						
0.052						0.287	0.385	0.495	0.720	0.807	1.000	1.280	1.435	2.215	3.907					
0.053							0.317	0.405	0.625	0.709	0.881	1.135	1.229	1.935	3.261					
0.054							0.290	0.379	0.570	0.620	0.779	1.000	1.086	1.703	2.950					
0.055							0.254	0.335	0.500	0.559	0.699	0.900	1.000	1.517	2.586					
0.056									0.443	0.500	0.634	0.806	0.924	1.379	2.330					
0.057									0.393	0.445	0.564	0.720	0.809	1.236	2.084					
0.058									0.343	0.395	0.499	0.650	0.729	1.103	1.867					
0.059									0.350	0.350	0.446	0.580	0.647	1.000	1.675	2.862				
0.060									0.290	0.308	0.394	0.513	0.573	0.893	1.463	2.475				
0.061									0.270	0.347	0.450	0.514	0.802	1.310	2.210					
0.062										0.310	0.411	0.465	0.723	1.189	2.000	3.201				
0.063											0.373	0.423	0.659	1.093	1.817	2.872				
0.064											0.336	0.383	0.604	1.000	1.646	2.575				
0.065												0.353	0.560	0.910	1.522	2.389				
0.066												0.326	0.519	0.864	1.412	2.198				
0.067													0.468	0.779	1.270	1.994				
0.068													0.424	0.713	1.166	1.809				
0.069														0.388	0.660	1.086	1.687			
0.070														0.351	0.603	1.000	1.544	2.303	2.400	3.190
0.071															0.547	0.918	1.397	2.071	2.240	2.960
0.072															0.503	0.849	1.287	1.910	2.100	2.775
0.073															0.464	0.789	1.189	1.766	1.970	2.600
0.074															0.419	0.737	1.104	1.624	1.850	2.450
0.075															0.381	0.692	1.000	1.470	1.750	2.318
0.076															0.344	0.592	0.912	1.335	1.650	2.140
0.077															0.316	0.548	0.838	1.235	1.550	1.980
0.078															0.293	0.510	0.775	1.151	1.460	1.840
0.079																0.476	0.721	1.069	1.389	1.720
0.080																0.448	0.680	1.000	1.320	1.610

Conversion Chart
 1.) Locate the recommended capillary I.D. in the left hand column
 2.) Reading across find the standard stock capillary tube.
 3.) Multiply the recommended length by the conversion factor.
 4.) As a general rule you should use a capillary tube that is between 5 feet and 16 feet long

EXAMPLE:
 The recommended capillary tube is .046 X 120" Find 0.046 in the left column read across to 0.595 [BC42] or 0.783 [BC44] or 1.410 [BC49].
 Multiply 0.595 X 120" = 71.4" Good Choice
 Multiply 0.783 X 120" = 93.96" Best Choice
 Multiply 1.410 X 120" = 169.2" Okay choice, too long for service pack.

More sizes and a metric chart on other side of page

More charts available from www.supco.com

For best results use conversion factors in the shaded areas.

Conversion Chart Continued (0.81 to 0.100 inches)

Part No.	BC5		BC1		BC2						BC3				BC4						
	BC26	BC28	BC31	BC36	BC40	BC42	BC44	BC46	BC49	BC50	BC52	BC54	BC55	BC59	BC64	BC70	BC75	BC80	BC85	BC90	
Tube I.D.	0.026	0.028	0.031	0.036	0.040	0.042	0.044	0.046	0.049	0.050	0.052	0.054	0.055	0.059	0.064	0.070	0.075	0.080	0.085	0.090	
0.081																	0.632	0.943	1.240	1.545	
0.082																	0.596	0.885	1.170	1.484	
0.083																	0.564	0.840	1.109	1.420	
0.084																	0.536	0.795	1.052	1.370	
0.085																	0.510	0.760	1.000	1.320	
0.086																	0.482	0.715	0.945	1.234	
0.087																	0.457	0.676	0.895	1.172	
0.088																	0.434	0.655	0.850	1.110	
0.089																	0.414	0.618	0.810	1.054	
0.090																	0.395	0.585	0.775	1.000	
0.091																	0.372	0.554	0.730	0.944	
0.092																	0.351	0.526	0.690	0.892	
0.093																	0.333	0.504	0.655	0.845	
0.094																	0.316	0.480	0.620	0.804	
0.095																		0.460	0.590	0.760	
0.096																		0.435	0.565	0.731	
0.097																		0.415	0.540	0.696	
0.098																		0.395	0.510	0.659	
0.099																		0.369	0.498	0.640	
0.100																		0.362	0.477	0.616	

For best results use conversion factors in the shaded areas.

Metric Conversion Chart (0.600 MM to 2.50 MM)

Part No.	BC5		BC1		BC2						BC3				BC4					
	BC26	BC28	BC31	BC36	BC40	BC42	BC44	BC46	BC49	BC50	BC52	BC54	BC55	BC59	BC64	BC70	BC75	BC80	BC85	BC90
Tube I.D.	0.026	0.028	0.031	0.036	0.040	0.042	0.044	0.046	0.049	0.050	0.052	0.054	0.055	0.059	0.064	0.070	0.075	0.080	0.085	0.090
0.600 mm	1.450	2.200	3.990																	
0.610 mm	1.425	2.155	3.840																	
0.635 mm	1.120	1.640	3.040																	
0.660 mm	1.000	1.520	2.580																	
0.700 mm	0.680	1.082	1.860																	
0.780 mm	0.410	0.623	1.046	2.630																
0.800 mm	0.364	0.545	0.951	2.110																
0.900 mm		0.276	0.487	1.085	2.100	2.653	3.540													
0.910 mm		0.265	0.455	1.029	2.000	2.600	3.337	4.261												
1.000 mm				0.593	1.076	1.408	1.753	2.239	3.597											
1.060 mm				0.435	0.815	1.036	1.410	1.801	2.497	2.840	3.651									
1.100 mm				0.332	0.620	0.817	1.101	1.405	2.005	2.273	2.893	3.831								
1.200 mm					0.359	0.496	0.675	0.862	1.215	1.372	1.707	2.239	2.538	4.019						
1.240 mm					0.304	0.421	0.560	0.715	1.018	1.145	1.420	1.840	2.062	3.199						
1.270 mm					0.257	0.375	0.484	0.618	0.891	1.000	1.156	1.613	1.809	2.843						
1.300 mm						0.300	0.419	0.535	0.765	0.875	1.086	1.398	1.567	2.404	4.299					
1.370 mm							0.300	0.383	0.580	0.625	0.785	1.005	1.094	1.716	2.955					
1.400 mm									0.495	0.546	0.689	0.889	0.990	1.499	2.551					
1.500 mm									0.330	0.343	0.439	0.570	0.638	0.990	1.662	2.836				
1.600 mm											0.282	0.375	0.424	0.660	1.094	1.820	2.875			
1.630 mm												0.374	0.593	0.985	1.623	2.568				
1.700 mm													0.288	0.472	0.785	1.279	2.005			
1.800 mm															0.554	0.928	1.415	2.105	2.251	3.000
1.900 mm															0.387	0.700	1.019	1.529	1.770	2.350
2.000 mm																0.485	0.734	1.090	1.400	1.750
2.100 mm																	0.574	0.855	1.120	1.435
2.160 mm																	0.508	0.755	0.987	1.296
2.200 mm																	0.466	0.690	0.915	1.198
2.300 mm																	0.382	0.585	0.760	0.986
2.400 mm																	0.309	0.470	0.605	0.784
2.500 mm																		0.385	0.505	0.649
2.540 mm																		0.362	0.477	0.616

All metric sizes are in millimeters, all replacement sizes are in inches.

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For best results use conversion factors in the shaded areas.