

# National Quartz

## MPM Clear Fused Quartz Tubing & Rod



*Authorized Momentive Fused Quartz Distributor/Fabricator*

**MPM Type 214 Quartz Tubing / List updated 11/06/18**

Size ID x OD (mm)	Feet/Lb	Price/Foot	
		Large Vol	Small Vol
0.50 x 1.00	1146.93	\$1.20	\$1.50
1.00 x 2.00	286.73	1.40	1.76
1.00 x 3.00	107.53	1.09	1.37
2.00 x 3.00	172.04	2.17	2.72
2.00 x 4.00	71.68	1.40	1.76
2.00 x 5.00	40.96	2.75	3.44
2.00 x 6.00	26.88	3.87	4.84
2.35 x 4.00	82.10	1.36	1.70
3.00 x 4.00	122.89	0.93	1.16
3.00 x 5.00	53.76	1.85	2.31
3.00 x 6.00	31.86	2.67	3.34
4.00 x 6.00	43.01	1.70	2.13
4.00 x 6.35	35.37	2.52	3.16
4.00 x 8.00	17.92	4.48	5.60
5.00 x 7.00	35.84	2.16	2.70
5.00 x 8.00	22.06	3.65	4.56
6.00 x 8.00	30.72	2.32	2.90
6.00 x 10.00	13.44	5.41	6.77
6.00 x 12.00	7.96	9.59	11.98
6.00 x 13.00	6.47	10.89	13.62
7.00 x 9.00	26.88	2.94	3.68
7.00 x 9.50	20.85	4.12	5.15
7.75 x 9.75	24.58	3.09	3.86
8.00 x 10.00	23.89	3.09	3.86
8.00 x 12.00	10.75	4.09	5.11
8.00 x 14.00	6.52	12.33	15.41
9.00 x 11.00	21.51	3.40	4.25
9.00 x 11.80	14.77	4.94	6.18
9.00 x 15.00	5.97	12.06	15.07
10.00 x 12.00	19.55	4.02	5.03
10.00 x 14.00	8.96	8.19	10.24
10.00 x 16.00	5.51	10.94	13.67
10.50 x 12.75	16.44	4.48	5.60
11.00 x 13.00	17.92	4.02	5.03
12.00 x 14.00	16.54	4.32	5.40
* 12.00 x 14.40	13.58	4.32	5.40
12.00 x 15.00	10.62	7.55	9.43
12.00 x 16.00	7.68	10.46	13.08
13.00 x 15.00	15.36	4.79	5.99
13.00 x 16.00	9.21	8.11	10.14

13.50 x 19.00	4.81	14.84	18.55
14.00 x 16.00	14.34	5.10	6.38
15.00 x 17.00	13.44	5.41	6.77
15.00 x 18.00	8.69	8.34	10.43
16.00 x 18.00	12.65	5.56	6.95
16.00 x 19.00	8.19	9.80	12.25
16.00 x 20.00	5.97	13.59	16.99
17.00 x 19.00	11.95	5.87	7.34
17.00 x 20.00	7.75	10.37	12.96
18.00 x 20.00	11.32	7.09	8.86
18.00 x 21.60	6.03	11.91	14.88
19.00 x 22.00	6.99	11.48	14.34
19.00 x 25.00	3.26	21.63	27.03
20.00 x 23.00	6.67	10.35	12.94
20.00 x 24.00	4.89	14.53	18.16
20.00 x 25.00	3.82	18.54	23.17
21.00 x 25.00	4.68	14.11	17.63
22.00 x 25.00	6.10	10.81	13.52
22.00 x 25.80	4.74	13.91	17.38
25.00 x 27.00	8.27	8.19	10.24
25.00 x 28.00	5.41	12.06	15.07
25.00 x 28.80	4.21	16.07	20.08
26.00 x 30.00	3.84	17.16	21.45
27.00 x 30.00	5.03	13.14	16.42
28.00 x 32.00	3.58	18.40	23.00
30.00 x 33.00	4.55	15.61	19.51
30.00 x 34.00	3.36	25.84	32.30
30.00 x 36.00	2.17	36.00	45.01
32.00 x 35.00	4.28	16.69	20.86
32.00 x 38.00	2.05	42.38	52.97
34.00 x 38.00	2.99	29.07	36.33
35.00 x 38.00	3.93	17.78	22.22
36.00 x 40.00	2.83	24.57	30.71
37.00 x 40.00	3.72	18.54	23.17
38.10 x 42.10	2.68	27.66	34.58
40.00 x 43.00	3.45	20.09	25.11
40.00 x 46.00	1.67	49.59	61.98
42.00 x 45.00	3.30	21.32	26.65
45.00 x 48.00	3.08	22.87	28.59
46.00 x 50.00	2.24	31.37	39.22
47.00 x 50.00	2.96	23.96	29.95
48.00 x 52.00	2.15	33.22	41.53
50.00 x 54.00	2.07	34.61	43.27
52.00 x 58.00	1.30	61.97	77.46
55.00 x 59.00	1.89	36.46	45.58
60.00 x 64.00	1.73	40.03	50.03
63.00 x 67.00	1.65	43.73	54.66
64.00 x 68.00	1.63	43.73	54.66
70.00 x 75.00	1.19	61.97	77.46

\* Special Size (currently available)

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**MPM Type 214 LD Quartz Tubing**

Size ID x OD (mm)	Feet/Lb	Price/Ft
64.0 x 68.0	1.629	\$ 77.97
66.0 x 70.0	1.581	77.97
70.0 x 75.0	1.186	98.57
73.0 x 77.0	1.434	82.11
75.0 x 80.0	1.110	108.72
78.0 x 82.0	1.340	99.06
80.0 x 85.0	1.043	112.86
85.0 x 90.0	0.983	119.00
90.0 x 95.0	0.930	125.18
95.0 x 100.0	0.882	131.15
101.6 x 106.6	0.826	117.56
105.0 x 110.0	0.800	129.69
110.0 x 115.0	0.765	133.66
115.0 x 120.0	0.732	139.64
120.0 x 125.0	0.702	140.55
125.0 x 130.0	0.675	153.55
130.0 x 135.0	0.649	132.65
135.0 x 141.0	0.519	151.94
140.0 x 146.0	0.501	179.44
145.0 x 151.0	0.484	183.41
150.0 x 156.0	0.469	193.53
155.0 x 161.0	0.454	199.49
160.0 x 166.0	0.440	183.41
165.0 x 171.0	0.427	189.54
170.0 x 176.0	0.414	178.34
176.0 x 184.0	0.299	277.81
178.0 x 185.0	0.339	257.11
184.0 x 190.0	0.383	190.73
190.0 x 196.0	0.371	244.73
195.0 x 201.0	0.362	230.45
200.0 x 206.0	0.353	238.07
203.0 x 211.0	0.260	302.30
208.0 x 216.0	0.254	333.43
211.0 x 221.0	0.199	443.05
215.0 x 221.0	0.329	267.13
215.0 x 225.0	0.196	399.66
220.0 x 226.0	0.321	274.59
220.0 x 228.0	0.240	338.84
220.0 x 230.0	0.191	406.44
225.0 x 235.0	0.187	392.66
227.0 x 235.0	0.233	425.61
230.0 x 236.0	0.308	321.41
230.0 x 240.0	0.183	485.45
235.0 x 245.0	0.179	521.24
240.0 x 246.0	0.295	336.94
241.0 x 249.0	0.219	383.83
241.0 x 251.0	0.175	555.95
245.0 x 253.0	0.216	397.92
250.0 x 260.0	0.169	578.55
257.0 x 265.0	0.206	415.34
260.0 x 268.0	0.204	425.61
265.0 x 275.0	0.159	536.76
270.0 x 280.0	0.156	540.41
280.0 x 290.0	0.105	580.69
290.0 x 300.0	0.146	722.44
300.0 x 309.0	0.157	626.82

306.0 x 315.0	0.154	636.40
320.0 x 330.0	0.132	797.04

**MPM Type 214 LDH Quartz Tubing**

Size ID x OD (mm)	Feet/Lb	Price/Ft
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101.6 x 114.3	0.314	\$281.01
105.0 x 117.7	0.304	292.03
115.0 x 127.7	0.279	317.35
130.0 x 142.7	0.248	355.34
135.0 x 147.7	0.240	368.15
140.0 x 152.7	0.231	384.28
145.0 x 157.7	0.224	393.48
150.0 x 162.7	0.217	406.15
165.0 x 177.7	0.198	512.45
170.0 x 182.7	0.192	475.04
180.0 x 192.7	0.182	490.25
184.0 x 196.7	0.178	520.35

**MPM Type 214 Quartz Rod**

Size DIA (mm)	Feet/Lb	Price/Foot	
		Large Vol	Small Vol
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0.5	1440.80	0.34	0.42
1.0	860.00	0.39	0.49
1.5	382.00	0.35	0.44
2.0	215.00	0.43	0.54
2.5	138.00	0.58	0.73
3.0	95.60	0.61	0.76
3.5	70.20	0.88	1.10
4.0	53.80	1.11	1.38
* 4.25	47.62	1.34	1.67
4.5	42.50	1.39	1.74
* 4.75	38.13	1.61	2.01
5.0	34.40	1.67	2.09
6.0	23.90	2.44	3.05
6.4	21.00	2.71	3.39
7.0	17.60	3.13	3.92
8.0	13.40	3.75	4.69
9.0	10.60	5.32	6.65
10.0	8.60	5.47	6.83
11.0	7.10	6.87	8.59
12.0	6.00	7.97	9.96
13.0	5.10	10.64	13.30
14.0	4.40	12.50	15.63
15.0	3.80	14.38	17.97
16.0	3.40	15.47	19.34
*18.0	2.70	20.78	25.97
19.0	2.40	23.29	29.11
*20.0	2.15	25.95	32.43
*24.0	1.49	39.24	49.06

25.0	1.38	43.75	54.69
30.0	0.96	57.82	72.28
35.0	0.70	78.13	97.69
40.0	0.51	99.55	124.44

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**CONDITIONS OF SALE**

Small Volume Pricing applies to order totals less than \$250.00  
 Large Volume Pricing applies to order totals more than 250.00

Minimum order \$50.00

VISA and MasterCard Accepted.

Standard quartz tube and rod lengths: 48" on all rod and tubing < 75mm O.D.  
 60" - 66" - 72" on tubing > 75mm O.D.

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**TOLERANCES**

214 Tubing: Note HW is Wall > 18% of OD

Range	OD+/-	Wall+/-	Siding	Ovality	Bow
<5	2.50%	10%	10%	2.0%	2.44mm/4ft
5-13HW	2.00	10	10	1.5	2.00
6-13	1.25	8	8	1.5	2.00
13-30	1.50	8	8	1.5	2.00
30-60	1.50	10	10	1.5	2.00
<165	+/-2mm	20	15	0.5	0.30mm/ft
166-191	2	20	15	1.0	0.30
191-260	3	20	15	1.0	0.30
261-350	3	20	20	1.0	0.30
>351	3	20	20	1.0	0.30

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Price list effective 11/06/2018 replaces list dated 7/15/2010.  
 This is the list of Momentive "standard" size GE Quartz Tubing & Rod.  
 Many special sizes are also available from our large inventory.

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