

# Tolerance Standard of Rubber Products



## The First Class

Standard		GBT3672.1-2002 equal to ISO 3302-1-1996E		GBT1804-2000 equal to ISO2768-1-1989	RMA	
Standard Dimension		M1		f	A1	
above >	below (incl) ≤	F ±	C ±	±	F ±	C ±
0	0.5	0.08	0.1	-	0.1	0.13
0.5	3	0.08	0.1	0.05	0.1	0.13
3	4	0.08	0.1	0.05	0.1	0.13
4	6	0.1	0.12	0.05	0.1	0.13
6	6.3	0.1	0.12	0.1	0.1	0.13
6.3	10	0.1	0.15	0.1	0.1	0.13
10	16	0.15	0.2	0.1	0.13	0.16
16	25	0.2	0.2	0.1	0.16	0.2
25	30	0.2	0.25	0.1	0.2	0.25
30	40	0.2	0.25	0.15	0.2	0.25
40	63	0.25	0.25	0.15	0.25	0.32
63	100	0.35	0.4	0.15	0.32	0.4
100	120	0.4	0.5	0.15	0.4	0.5
120	160	0.4	0.5	0.2	0.4	0.5
160	400	0.30%	0.40%	0.2	-	-
400	1000	0.30%	0.40%	0.3	-	-
1000	2000	0.30%	0.40%	0.5	-	-
2000	4000	0.30%	0.40%	-	-	-
4000	over	0.30%	0.40%	-	-	-

## The Second Class

Standard		GBT3672.1-2002 equal to ISO 3302-1-1996E		GBT1804-2000 equal to ISO2768-1-1989	RMA	
Standard Dimension		M2		m	A2	
above >	below (incl) ≤	F ±	C ±	±	F ±	C ±
0	0.5	0.1	0.15	-	0.16	0.2
0.5	3	0.1	0.15	0.1	0.16	0.2
3	4	0.1	0.15	0.1	0.16	0.2
4	6	0.15	0.2	0.1	0.16	0.2
6	6.3	0.15	0.2	0.2	0.16	0.2
6.3	10	0.2	0.2	0.2	0.16	0.2
10	16	0.2	0.25	0.2	0.2	0.25
16	25	0.25	0.35	0.2	0.25	0.32
25	30	0.35	0.4	0.2	0.32	0.4
30	40	0.35	0.4	0.3	0.32	0.4
40	63	0.4	0.5	0.3	0.4	0.5
63	100	0.5	0.7	0.3	0.5	0.63
100	120	0.7	0.8	0.3	0.63	0.8
120	160	0.7	0.8	0.5	0.63	0.8
160	400	0.50%	0.80%	0.5	0.40%	0.50%
400	1000	0.50%	0.80%	0.8	0.40%	0.50%
1000	2000	0.50%	0.80%	1.2	0.40%	0.50%
2000	4000	0.50%	0.80%	2	0.40%	0.50%
4000	over	0.50%	0.80%	-	0.40%	0.50%

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## The Thrid Class

Standard		GBT3672.1-2002 equal to ISO 3302-1-1996E		GBT1804-2000 equal to ISO2768-1-1989	RMA	
Standard Dimension		M3		c	A3	
above >	below (incl) ≤	F ±	C ±	±	F ±	C ±
0	0.5	0.25	0.4		-	0.2
0.5	3	0.25	0.4	0.2	0.2	0.32
3	4	0.25	0.4	0.3	0.2	0.32
4	6	0.25	0.4	0.3	0.2	0.32
6	6.3	0.25	0.4	0.5	0.2	0.32
6.3	10	0.3	0.5	0.5	0.2	0.32
10	16	0.4	0.6	0.5	0.25	0.4
16	25	0.5	0.8	0.5	0.32	0.5
25	30	0.6	1	0.5	0.4	0.63
30	40	0.6	1	0.8	0.4	0.63
40	63	0.8	1.3	0.8	0.5	0.8
63	100	1	1.6	0.8	0.63	1
100	120	1.3	2	0.8	0.8	1.25
120	160	1.3	2	1.2	0.8	1.25
160	400	0.80%	1.30%	1.2	0.50%	0.80%
400	1000	0.80%	1.30%	2	0.50%	0.80%
1000	2000	0.80%	1.30%	3	0.50%	0.80%
2000	4000	0.80%	1.30%	4	0.50%	0.80%
4000	over	0.80%	1.30%		0.50%	0.80%

## The Fourth Class

Standard		GBT3672.1-2002 equal to ISO 3302-1-1996E		GBT1804-2000 equal to ISO2768-1-1989	RMA	
Standard Dimension		M4		v	A4	
above >	below (incl) ≤	F ±	C ±	±	F ±	C ±
0	0.5	0.5			-	0.32
0.5	3	0.5		-	0.32	0.8
3	4	0.5		0.5	0.32	0.8
4	6	0.5		0.5	0.32	0.8
6	6.3	0.5		1	0.32	0.8
6.3	10	0.7		1	0.32	0.8
10	16	0.8		1	0.4	0.9
16	25	1		1	0.5	1
25	30	1.3		1	0.63	1.12
30	40	1.3		1.5	0.63	1.12
40	63	1.6		1.5	0.8	1.25
63	100	2		1.5	1	1.4
100	120	2.5		1.5	1.25	1.6
120	160	2.5		2.5	1.25	1.6
160	400	1.50%		2.5	0.80%	1.00%
400	1000	1.50%		4	0.80%	1.00%
1000	2000	1.50%		6	0.80%	1.00%
2000	4000	1.50%		8	0.80%	1.00%
4000	over	1.50%		-	0.80%	1.00%