



# WILLIAM JOHNSTON & COMPANY LIMITED

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## Extrusion Tolerances

### Standard cross-sectional dimensional tolerances

The following are standard tolerances on cross-sectional dimensions for rubber extrusions

Nominal dimension (mm)		Tolerance $\pm$ (mm)
above	Up to	
0	2.5	0.5
2.5	4	0.7
4	6.3	1
6.3	10	1.5
10	16	2
16	25	2.5
25	40	3
40	63	3.5
63	160	5

Tolerances closer than those shown above may be possible, particularly at the smaller end. If these are required, the Customer must indicate at the enquiry stage, the dimensions involved and the tolerances required.

### Standard tolerances on length

The following are standard tolerances on length for rubber extrusions that are manufactured 'in-house'

Length	Material			
	EPDM (Standard Grade)		EPDM (Special Grades), Neoprene, Nitrile, Natural	
	Finished Cured Tolerance	Maximum Cured Length	Finished Cured Tolerance	Maximum Cured Length
0 to 1m	-0 +25 mm	1.025m	-0 +50 mm	1.05m
1 to 2m	-0 +50 mm	2.05m	-0 +75mm	2.075m
2 to 3m	-0 +75 mm	3.075m	-0 +100mm	3.1m
3 to 4m	-0 +80 mm	4.08m	-0 +130mm	4.13m
4 to 5m	-0 +100 mm	5.1m	-0 +160mm	5.16m
5 to 6m	-0 +120 mm	6.12m	-0 +160mm	6.16m
6 to 7m	-0 +140 mm	7.14m	-0 +200mm	7.2m
7 to 8m	-0 +160 mm	8.16m	-0 +210mm	8.21m
8 to 9m	-0 +180 mm	9.18m	-0 +210mm	9.21m
9 to 10m	-0 +200 mm	10.2m	-0 +250mm	10.25m
Over 10m	-0 +350 mm	10.35m	-0 +400mm	10.4m