



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 ± (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

Disclaimer

Please note, failure to select the correct materials or products we supply ("the Products") may result in damage to plant, equipment or property. In some instances, it may cause death or personal injury. We are not designers and do not give advice about design related matters concerning the Products. We can help and assist with the technical specifications for the Products. In specific applications, particularly where critical conditions exist, we will try to assist you within the limitations of the services that we offer. All information supplied by us is intended as technical co-operation outlining the specifications of the different Products which we supply. To the extent permitted in law, no warranty is given in respect of any information supplied by us. The customer must satisfy themselves as to the suitability of the Products for their intended application and use. The correct fitting of Products is the responsibility of the customer. Your statutory rights remain unaffected. Save in respect of death, personal injury or fraud, our entire liability to you, however arising from the supply of Products shall be limited to the £10M indemnity amount provided by our insurers.