

Tolerances

Extrusion

Overview

Viking Extrusions' house tolerances are laid down in our quality manual as follows: (class refers to table 2)

Table 1 – Viking Extrusions house tolerances

Shape	Class
Tubes	E1
Strips / Cords	E2
Profiles	E3

These tolerances are a general guide and are 'unless otherwise specified'. Invariably any item that has a doubt attaining house tolerance will be specified at time of quoting or clarified during contract review.

Standard

ISO 3302-1:2014 Rubber Tolerances for products

Table 2 – Tolerances on cross-sectional dimensions of unsupported extrusions

Nominal Dimension		Class E1	Class E2	Class E3
Above	Up to and including	±	±	±
0.0	1.5	0.15	0.25	0.40
1.5	2.5	0.20	0.35	0.50
2.5	4.0	0.25	0.40	0.70
4.0	6.3	0.35	0.50	0.80
6.3	10.0	0.40	0.70	1.00
10.0	16.0	0.50	0.80	1.30
16.0	25.0	0.70	1.00	1.60
25.0	40.0	0.80	1.30	2.00
40.0	63.0	1.00	1.60	2.50
63.0	100.0	1.30	2.00	3.2
100.0	-	1.3%	2%	3.2%

All values in millimetres

4.2.23.1