

TUBES – standard product range

Outer- \varnothing in mm	Wall thickness in mm
30	1,5 - 2,0
40	1,5 - 3,0
45	1,5 - 3,0
50	2,0 - 3,0
60	2,0 - 3,0
65	2,0 - 3,0
70	2,0 - 3,0
80	2,0 - 3,0
84	2,0 - 3,0
90	2,0 - 3,0
100*	2,0 - 3,0
110	2,0 - 3,0
120	2,0 - 3,0
133	2,0 - 3,0
140	2,5 - 4,0
150	2,5 - 4,0
160	2,5 - 4,0
170	2,5 - 4,0
180*	2,5 - 4,0
190	2,5 - 4,0
195	2,5 - 4,0
200*	3,0 - 4,0
220	3,0 - 4,0
230	3,0 - 4,0
250	3,0 - 5,0
273*	3,0 - 5,0
300	3,0 - 5,0
315	3,0 - 5,0
324	3,0 - 5,0
350	4,0 - 5,0
400	4,0 - 5,0
450	4,0 - 5,0
500	4,0 - 5,0
Square-tubes	
45 x 45	1,5 - 2,5
90 x 90	3,0
100 x 100	3,0
120 x 120	3,0
170 x 170	3,5

* as well with inside prismatic

We also supply semi-finished tube products, precisely fabricated to your specifications. All our products are made in Germany.

As a manufacturer we generally do not keep all the illustrated varieties of tubes in stock. The table therefore only demonstrates the manufacturing capabilities. Other diameters and lengths as well as impact resistant or coloured applications upon request.

Materials: PMMA and PC
 PMMA

Colours: transparent (clear), opal (white), diffuse (satined), coloured
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Tolerances for PC and PMMA tubes

The following manufacturing tolerances apply at a reference temperature of 20° C.

Tolerances for roundness (in % of outer diameter)

\varnothing 30 mm to \varnothing 249 mm = \pm 1,0%
 \varnothing 250 mm to \varnothing 500 mm = \pm 1,5 %
(measured 50 mm from the edge)

Tolerances for wall thickness (in %)

\varnothing 30 mm to \varnothing 249 mm = \pm 10,0 %
 \varnothing 250 mm to \varnothing 500 mm = \pm 12,5 %

Tolerances for length (in mm)

\pm 10,0 mm (automatic cuts within the extrusion line)

Separate cutting service (manual cuts) for lengths (L):

L \leq 1.000 mm	\pm 1,0 mm
1.000 < L \leq 2.000 mm	\pm 1,5 mm
L > 2.000 mm	upon demand

A small recess of 0.2 mm may occur at the cut edges.

Tolerances for straightness:

maximum deviation: 3.0 mm on 1.000 mm chord length

Square-tubes:

Specific tolerances upon request