

STANDARD TOLERANCES TUBES

Test method: IEC/EN 61212-2

Inside diameter mm	Maximum deviation mm	Outside diameter mm	Maximum deviation
$3 \leq ID \leq 30$	± 0.15	$4 < OD \leq 10$	± 0.15
$30 < ID \leq 50$	± 0.20	$10 < OD \leq 25$	± 0.20
$50 < ID \leq 75$	± 0.30	$25 < OD \leq 50$	± 0.25
$75 < ID \leq 100$	± 0.40	$50 < OD \leq 75$	± 0.30
$100 < ID \leq 150$	± 0.50	$75 < OD \leq 100$	± 0.35
$150 < ID \leq 200$	± 0.70	$100 < OD \leq 125$	± 0.45
$200 < ID \leq 300$	± 1.00	$125 < OD \leq 230$	± 0.50
$300 < ID \leq 500$	± 1.50	$230 < OD \leq 1250$	A)
$500 < ID \leq 1250$	± 2.00		

A) Tolerance is indicated on wall thickness.

Wall thickness mm	Maximum deviation mm	
	Etronit	Other grades
$WT \leq 1.5$	± 0.25	± 0.40
$1.5 < WT \leq 3.0$	± 0.40	± 0.50
$3.0 < WT \leq 6.0$	± 0.50	± 0.50
$6.0 < WT \leq 12.0$	± 0.80	± 0.80
$12.0 < WT \leq 25.0$	± 1.20	± 1.20
$25.0 < WT$	± 1.60	± 1.60

Closer tolerances on request.

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Dedication in Composites

TOLERANCES TUBES CUT TO LENGTH

Test method: IEC/EN 61212-2

Length	Outside diameter			
	3 < OD ≤ 90	90 < OD ≤ 400	400 < OD ≤ 1000	1000 < OD ≤ 1270
mm	mm	mm	mm	mm
2 < l ≤ 50	± 0.2	± 0.2	± 0.5	± 0.8
50 < l ≤ 120	± 0.3	± 0.3	± 0.8	± 1.2
120 < l ≤ 300	± 0.5	± 0.5	± 1.2	± 1.2
300 < l ≤ 1000	± 0.8	± 0.8	± 1.2	± 1.2
1000 < l ≤ 1650	± 1.2	± 1.2	± 1.2	± 1.2

Tolerance on standard lengths is ± 25 mm.

With regard to updated and current technical properties, we refer to www.elektro-isola.com

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