

# HARDOX® TUBES & PIPES DIMENSIONAL PROGRAM

## Dimension range

Hardox® tubes and pipes are available in circular shape.

Dimensions	Hardox® 400	Hardox® 500
Outer diameter (inch)	2.996 - 8.626	2.996 - 5.236
Wall thickness (inch)	0.118 - 0.236	0.118 - 0.236
Mill length (inch)	236.220	236.220

Other lengths are available upon request. For more information, please contact your local sales representative, [HardoxStrenxTubesales@ssab.com](mailto:HardoxStrenxTubesales@ssab.com) or Tech Support.

## Circular

Outer diameter		3 mm		0.118"		4 mm		0.157"		5 mm		0.197"		6 mm		0.236"	
		3.0	mm	0.118	inch	4.0	mm	0.157	inch	5.0	mm	0.197	inch	6.0	mm	0.236	inch
mm	inch	kg/m		lb/ft		kg/m		lb/ft		kg/m		lb/ft		kg/m		lb/ft	
76.1	3.00	5.41	kg/m	3.64	lb/ft	7.11	kg/m	4.78	lb/ft	8.77	kg/m	5.89	lb/ft	10.40	kg/m	6.99	lb/ft
88.9	3.50	6.36	kg/m	4.27	lb/ft	8.38	kg/m	5.63	lb/ft	10.40	kg/m	6.99	lb/ft	12.30	kg/m	8.27	lb/ft
101.6	4.00	7.29	kg/m	4.90	lb/ft	9.63	kg/m	6.47	lb/ft	11.90	kg/m	8.00	lb/ft	14.20	kg/m	9.54	lb/ft
108.0	4.25	7.77	kg/m	5.22	lb/ft	10.30	kg/m	6.92	lb/ft	12.70	kg/m	8.53	lb/ft	15.10	kg/m	10.15	lb/ft
114.3	4.50	8.23	kg/m	5.53	lb/ft	10.90	kg/m	7.32	lb/ft	13.50	kg/m	9.07	lb/ft	16.00	kg/m	10.75	lb/ft
121.0	4.76	8.73	kg/m	5.87	lb/ft	22.60	kg/m	7.73	lb/ft	14.30	kg/m	9.61	lb/ft	17.00	kg/m	11.42	lb/ft
133.0	5.24	9.62	kg/m	6.46	lb/ft	23.70	kg/m	8.53	lb/ft	15.80	kg/m	10.62	lb/ft	18.80	kg/m	12.63	lb/ft
139.7	5.50					13.40	kg/m	9.00	lb/ft	16.60	kg/m	11.15	lb/ft	19.80	kg/m	13.30	lb/ft
168.3	6.63									20.10	kg/m	13.51	lb/ft	24.00	kg/m	16.13	lb/ft
219.1	8.63													31.50	kg/m	21.17	lb/ft

Tolerances for circular wear are based on the requirements of EN 10210. For more information, see table on page 2.

## Tolerances

Characteristics	Circular wear Tolerances based on the requirements of EN 10210
Outside diameter (D) <sup>1)</sup>	±1%, with a minimum of ±0.020" and a maximum of ± 0.394"
Out-of-roundness	2%, when D/T ≤ 3.937"
Thickness (T)	±10% when T ≤ 0.197" and ±0.020" when T > 0.197"
Straightness	0.20% of total length and 0.118" over any 39.37" length
Mass per unit length	Individual tube: ±6%
Standard length	≥ 236.220" : 0/+1.969"
Exact length	Agreed at the time of enquiry and order

<sup>1)</sup> All external dimensions are measured with a minimum distance from the end of the section. The distance must be a minimum of 3.937 inches.

## Delivery conditions

Hardox<sup>®</sup> tubes and pipes are delivered in quenched condition except for diameters above 5.236 inches, which are delivered in as-rolled condition.

## Contact information

[www.ssab.com/contact](http://www.ssab.com/contact)  
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