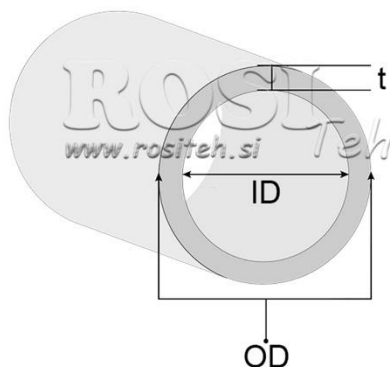


DATA SHEET



Material:

E355 DIN 2393 ISO H9

**NOTE BLUE MARKED TUBES ARE USUALLY IN STOCK IN 1 METER LENGTH
OTHERS ARE AVAILABLE ON REQUEST**

ŠIFRA	ID (mm)	OD (mm)	t (mm)	(kg/m)	ŠIFRA	ID (mm)	OD (mm)	t (mm)	(kg/m)
14781	20	30	5	3,082	14790	75	90	7,5	15,258
14782	25	35		3,699	11502	80	90	5	10,480
14783	30	40		4,315	14791	80	95	7,5	16,183
100553	32	40	4	3,551	11503	85	95	5	11,097
14784	35	45	5	4,932	14792	85	100	7,5	17,107
11497	40	50	5	5,548	14793	90	100	5	11,713
14785	45	55	5	6,165	11504	90	105	7,5	18,032
11498	50	60	5	6,781	14794	95	110	7,5	18,957
14786	55	65	5	7,398	14795	100		5	12,946
11499	60	70	5	8,014	11505	100	115	7,5	19,882
11500	63	73	5	8,384	14796	105	120	7,5	20,806
14787	65	75	5	8,631	14797	110		5	14,179
11501	70	80	5	9,247	14010	110	125	7,5	21,731
14788	70	85	7,5	14,333	14798	115	130	7,5	22,656
14789	75		5	9,864	14799	120	135	7,5	23,581

MECHANICAL PROPERTIES

Steel grade	Tensile strength Rm (N/mm ²)	Elongation A5 (%)	Impact energy KV2 (J)	Hardness Brinell (N/mm ²)	Standard
E355+SR	min. 580	min. 10	min. 27 J / -20°C	min. 175	EN 10305-1
E355+C	min. 640	min. 4	-	min. 185	EN 10305-2

SR Stress Relieved – Material is cold drawn and then stress relieved

C Cold Drawn – Material is only cold drawn without additional stress relief

DIMENSIONS AND TOLERANCES

Outer diameter (OD)	Ø30 - 135 mm / on request
Inner diameter (ID)	Ø20 - 120 mm
Internal tolerance (ID)	ISO H9
External tolerance (OD)	according to EN 10305-2
Internal surface roughness (ID)	Ra: max. 0.40 µm (honed surface)
Straightness	max. 1 mm / 1000 mm

OD TOLERANCE TABLE

DIAMETER (mm)	ISO M8 (µm)
30 < Ø ≤ 50	0 / +39
50 < Ø ≤ 80	0 / +46
80 < Ø ≤ 120	0 / +54
120 < Ø ≤ 180	0 / +63
180 < Ø ≤ 250	0 / +72
250 < Ø ≤ 315	0 / +81

