



# COLD ROLLED STEEL TUBING

IIL Cold Rolled (CR) steel tubes are predominantly used in the automotive, motorcycle, bicycle, transformer industries and in the manufacturing of fans, furniture, tents and other mechanical and general engineering items.

IIL CR steel tubes are certified as European Conformity Standards (CE) and are manufactured in accordance with the highest international standards (BS 1717: 1983, BS EN 10305-3: 2010, BS EN 10305-5: 2010 & EN 10296-1:2003)

IIL CR steel tubes are available in round, square, rectangle, oval and elliptical shapes in various sizes with thickness range from 0.6mm to 2.00mm.

## Product Suitability:

- Ideal for: Chrome, Bending, Drawing

## Applications:

- Transformers
- Automotive
- Motorcycles/Bicycles
- Fans
- Furniture
- Tents

## Guaranteed Compliance To International Standards:

- Diameter
- Shape
- Wall thickness
- Weight/Length

## Salient Features:

- Environmentally friendly
- Guaranteed tube count per bundle
- Over 50 years of manufacturing experience and exporting to 60 countries
- Certification: ISO 9001, 14001, ISO 45001 and CE



Promising Reliability, For Now and Tomorrow

## Round Tubes

Conforming to BS 1717:1983, BS EN 10305-3: 2010 & EN 10296-1:2003 (Formerly BS 6323-5:1982)								
SIZE	TUBES PER BUNDLE	THICKNESS (mm) →				KILOGRAM / METER (KG/M) ↓		
(mm)	(Number)	0.60	0.70	0.90	1.00	1.20	1.60	2.00
9.00	394	0.124	0.143	0.180		0.231		
10.00	351	0.140	0.161	0.202		0.260		
12.70	271	0.179	0.207	0.262	0.289	0.340		
15.90	271	0.226	0.262	0.333	0.367	0.435	0.564	0.686
16.00	200							0.691
17.50	271					0.482	0.627	0.765
19.05	271	0.273	0.317	0.403	0.445	0.528	0.689	0.841
20.60	271						0.750	0.917
22.00	217						0.805	
22.20	217		0.371	0.473		0.621	0.813	0.996
23.80	169						0.876	
25.40	217	0.367	0.426	0.544	0.602	0.716	0.939	1.154
28.60	169			0.615	0.681	0.811	1.065	
30.00	169			0.646		0.852	1.121	
31.80	169		0.537	0.686	0.760	0.906	1.192	1.470
35.00	127					1.000	1.318	
38.10	91			0.826		1.092	1.440	
42.20	61			0.917		1.213	1.602	
48.10	61			1.048		1.388	1.835	
60.30	61			1.318		1.749		
63.50	61					1.844	2.442	
73.02	37					2.125	2.818	
75.90	37					2.211	2.932	

## Square Tubes

Conforming to BS EN 10305-5: 2010 (Formerly BS 6323-5:1982)								
SIZE	TUBES PER BUNDLE	THICKNESS (mm) →				KILOGRAM / METER (KG/M) ↓		
(mm)	(Number)	0.60	0.70	0.80	0.90	1.00	1.20	1.60
10x10	225	0.179	0.207	0.235	0.262	0.289		
12x12	225	0.226	0.262	0.298	0.333	0.367	0.435	0.564
15x15	225	0.273	0.317	0.360	0.403	0.445	0.528	0.689
20x20	225	0.367	0.426	0.485	0.544	0.602	0.716	0.939
25x25	144		0.537	0.612	0.686	0.760	0.906	1.192
30x30	100		0.646	0.736	0.826	0.915	1.092	1.440
38x38	100			0.933	1.048	1.162	1.388	1.835
50x50	100			1.240	1.390		1.844	1.442

## Rectangular Tubes

Conforming to BS EN 10305-5:2010 (Formerly BS 6323-5:1982)								
SIZE	TUBES PER BUNDLE	THICKNESS (mm) →				KILOGRAM / METER (KG/M) ↓		
(mm)	(Number)	0.60	0.70	0.80	0.90	1.00	1.20	1.60
10x20	294		0.317	0.360	0.403	0.445	0.528	
12x38	200		0.537	0.612	0.686	0.760	0.906	
15x30	150				0.615		0.811	
20x40	150		0.646	0.736	0.826	0.915	1.092	1.440
25x40	150						1.213	1.602
25x50	96			0.933	1.048	1.162	1.388	1.835
30x50	96				1.048			
30x60	117			1.109	1.245	1.381	1.651	2.186
40x80	70			1.482	1.665	1.847	2.211	2.932

## Oval Tubes

Conforming to IIL Standard								
SIZE	TUBES PER BUNDLE	THICKNESS (mm) →				KILOGRAM / METER (KG/M) ↓		
(mm)	(Number)	0.60	0.70	0.80	0.90	1.20	1.60	2.00
16x30	200				0.544	0.716		
16x40	200					0.906	1.192	1.470
30x50	100					1.213	1.602	1.983

## Elliptical Tubes

Conforming to IIL Standard								
SIZE	TUBES PER BUNDLE	THICKNESS (mm) →				KILOGRAM / METER (KG/M) ↓		
(mm)	(Number)	0.60	0.70	0.80	0.90	1.20	1.60	2.00
13x23	200				0.403	0.528	0.689	
19x42	200				0.686	0.906		
24x56	100					1.213		



ISO 9001, ISO 14001, ISO 45001, API 5L, PSQA, UL & CE Mark Certified Company