

YORKEX, KUTERLON & MINIBORE COPPER TUBE



YORKEX

COPPER TUBE TO BS EN 1057 - R250/R290



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BS EN 1057



FM 00450

Yorkex is the general purpose copper tube for above ground services. Its ease of manipulation in half-hard condition and relatively light weight, combined with its ability to withstand high internal pressure, makes Yorkex the ideal product for most hot and cold water, central heating and gas services installations.

STANDARD FEATURES

- Cu-DHP grade copper
- BSi Kitemark licensed
- 6-54mm available in R250 (half-hard) condition, suitable for cold bending and forming
- 35-159mm available in R290 (hard) condition
- Available in 3m or 6m lengths
- Available in 5.8m lengths for container loads to export markets

TYPICAL APPLICATIONS

- Drinking water
- Central heating
- Sanitation
- Hot and cold water
- Gas
- Various engineering

DESIGN, INSTALLATION AND USE

All products should be designed, installed and used in accordance with appropriate specifications or codes of practice (e.g. BS 6700) and/or Yorkshire Copper Tube Ltd technical recommendations.

SPECIAL FINISHES

- Kuterlex*
- Kuterlex Plus*
- Yorkshire Medical (degreased)*
- Chrome plated

* See relevant brochure.

GUARANTEE

- 25 year guarantee against product failure directly attributable to a manufacturing defect
- This guarantee is extended to 30 years where pipeline systems are constructed exclusively from Yorkshire copper tube and XPress Copper, XPress Gas, Tectite and Tectite Pro fittings from Yorkshire Fittings Ltd.

Yorkex - Half Hard Range

BS EN 1057-R250

Size OD x Wall	Standard Available Lengths*			Nominal Tube Weight	Maximum Working Pressure up to 65°C	Bore Capacity	Tubes per inner bundle	Tubes per master bundle
	(mm)	3m	5.8m					
6 x 0.6			■	0.091	133	0.018	25	250
8 x 0.6			■	0.124	97	0.036	25	250
10 x 0.6	■		■	0.158	77	0.061	25	250
12 x 0.6	■		■	0.191	63	0.092	25	250
15 x 0.7	■	■	■	0.280	58	0.145	10	300
22 x 0.9	■	■	■	0.531	51	0.321	10	150
28 x 0.9	■	■	■	0.682	40	0.539	10	100
35 x 1.2	■		■	1.134	42	0.835	5	50
42 x 1.2	■		■	1.369	35	1.232	5	50
54 x 1.2	■		■	1.772	27	2.091	3	30

Yorkex - Hard range

BS EN 1057-R290

Size OD x Wall	Standard Available Lengths			Nominal Tube Weight	Maximum Working Pressure up to 65°C	Bore Capacity	Tubes per inner bundle	Tubes per master bundle
	(mm)	3m	5.8m					
35 x 1.0	■	■	■	0.951	42	0.855	5	50
35 x 1.2	■	■	■	1.134	51	0.835		
42 x 1.0	■	■	■	1.147	35	1.257		
42 x 1.2	■	■	■	1.369	42	1.232	5	50
54 x 1.0	■	■	■	1.482	27	2.124		
54 x 1.2	■	■	■	1.772	33	2.091	3	30
66.7 x 1.2	■	■	■	2.198	26	3.248		
76.1 x 1.5	■	■	■	3.129	29	4.197	1	20
108 x 1.5	■	■	■	4.467	20	8.660	1	15
133 x 1.5		■	■	5.516	17	13.275	1	10
159 x 2.0		■	■	8.781	18	18.872	1	-

Yorkex - Chrome-Plated

BS EN 1057 / BS EN 12540 15-28mm Half-Hard (R250), 35-54mm Hard (R290)

Size OD x Wall	Standard Available Lengths		Nominal Tube Weight	Maximum Working Pressure up to 65°C	Bore Capacity	
	(mm)	2m				3m
15 x 0.7		■	■	0.280	58	0.145
22 x 0.9		■	■	0.531	51	0.321
28 x 0.9			■	0.682	40	0.539
35 x 1.2			■	1.134	51	0.835
42 x 1.2			■	1.369	42	1.232
54 x 1.2			■	1.772	33	2.091

Based on tube in the supplied hardness

* 15mm, 22mm and 28mm OD also available in 2m lengths.

KUTERLON

COPPER TUBE TO BS EN 1057 - R220/R250/R290



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BS EN 1057



FM 00450

With a wall thickness significantly greater than that of Yorkex, Kuterlon offers the option of a higher pressure rating. Kuterlon is supplied in both straight length and coil form and, when supplied with a Kuterlex coating, it is the ideal product for underground applications. The extra wall thickness also allows Kuterlon to be used on certain pressurised steam installations with a maximum working temperature of 205°C.

STANDARD FEATURES

- Cu-DHP grade copper
- BSi Kitemark licensed
- 25 year guarantee against product failure directly attributable to a manufacturing defect
- 12-28mm available in R220 (annealed) condition, suitable for hand manipulation and forming
- 6-28mm straights available in R250 (half-hard) condition, suitable for cold bending and forming
- 35-108mm available in R290 (hard) condition
- Coils available in 20 or 25m lengths, straights in 6m lengths
- Straights available in 5.8m lengths for container loads to export markets

TYPICAL APPLICATIONS

- Drinking water
- Central heating
- Sanitation
- Gas
- Various engineering
- Underground services

DESIGN, INSTALLATION AND USE

All products should be designed, installed and used in accordance with appropriate specifications or codes of practice (e.g. BS 6700) and/or Yorkshire Copper Tube Ltd technical recommendations.

SPECIAL FINISHES

- Kuterlex*
- Kuterlex Plus*
- Yorkshire Medical (degreased)*

* See relevant brochure.

Kuterlon - Straight tube range

BS EN 1057 6-28mm Half-Hard (R250), 35-108mm Hard (R290)

Size OD x Wall	Standard Available Lengths		Nominal Tube Weight	Maximum Working Pressure up to 65°C	Bore Capacity	Tubes per inner bundle	Tubes per master bundle
	(mm)	5.8m					
6 x 0.8		■	0.116	188	0.015	25	250
8 x 0.8		■	0.161	136	0.032	25	250
10 x 0.8		■	0.206	106	0.055	25	250
12 x 0.8		■	0.251	87	0.085	25	250
15 x 1.0	■	■	0.391	87	0.133	10	300
22 x 1.2	■	■	0.698	69	0.302	10	150
28 x 1.2	■	■	0.899	55	0.515	10	100
35 x 1.5	■	■	1.405	65	0.804	5	75
42 x 1.5	■	■	1.699	54	1.195	5	65
54 x 2.0	■	■	2.908	56	1.964	3	30
66.7 x 2.0	■	■	3.619	45	3.088	1	20
76.1 x 2.0	■	■	4.144	39	4.083	1	15
108 x 2.5	■	■	7.375	34	8.333	1	-

Kuterlon - Coil range

BS EN 1057-Annealed (R220)

Size OD x Wall	Standard Available Lengths		Nominal Tube Weight	Maximum Working Pressure up to 65°C	Bore Capacity	Coils per pallet
	(mm)	20m				
12 x 0.8		■	0.251	67	0.085	30
15 x 1.0	■		0.391	67	0.133	25
22 x 1.2	■		0.698	57	0.302	15
28 x 1.2	■		0.899	42	0.515	10

Based on tube in the supplied hardness

MINIBORE

COPPER TUBE TO BS EN 1057 - R220



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BS EN 1057



FM 00450

Minibore is a small bore tube supplied in coil form in lengths up to 50m which can be bent easily by hand or using an appropriate machine. Its small diameter offers the possibility of forming tight bends. Minibore is unobtrusive when surface fixed.

STANDARD FEATURES

- Cu-DHP grade copper
- BSi Kitemark licensed
- 25 year guarantee against product failure directly attributable to a manufacturing defect
- Supplied in R220 (annealed) coiled condition
- Suitable for hand manipulation and forming
- Supplied in various lengths up to 50m

TYPICAL APPLICATIONS

- Central heating
- Behind dry wall liners
- Under suspended floors
- Through false ceilings
- Cabling applications
- Unobtrusive surface fitting

DESIGN, INSTALLATION AND USE

All products should be designed, installed and used in accordance with appropriate specifications or codes of practice (e.g. BS 6700) and/or Yorkshire Copper Tube Ltd technical recommendations.

SPECIAL FINISHES

- Kuterlex*
- Kuterlex Plus*

* See relevant brochure.

Minibore – Coil range

BS EN 1057-Annealed (R220)

Size OD x Wall	Standard Available Lengths				Nominal Tube Weight	Maximum Working Pressure up to 65°C	Bore Capacity	Coils per pallet
	(mm)	10m	20m	25m				
6 x 0.6			■		0.09	90	0.018	40
8 x 0.6	■				0.12	66	0.036	45
8 x 0.6			■					40
8 x 0.6				■				30
10 x 0.7	■				0.18	62	0.058	50
10 x 0.7		■						45
10 x 0.7			■					40
10 x 0.7				■				25

Based on tube in the supplied hardness



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