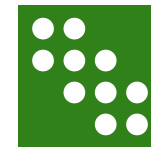


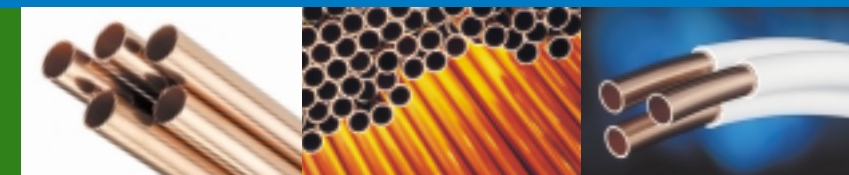
IRISH METAL INDUSTRIES LTD

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IRISH METAL INDUSTRIES PRODUCT RANGE



IRISH METAL INDUSTRIES

Irish Metal Industries Limited is a wholly owned subsidiary company of Yorkshire Copper Tube Limited, a member of the KME Group of Companies, which together represent Europe's largest producer of copper and copper alloy materials.

EXTENSIVE PRODUCT RANGE

Irish Metal Industries supplies a wide range of leading copper tube brands:

- Irish Metal Industries plain straight length tube to IS EN 1057-R250, carrying the Quality Mark of the National Standards Authority of Ireland.
- WICU®, plastic coated coils generally to the requirements of EN 13349 with the base copper tube generally in accordance with IS EN 1057-R220.
- The complete range of products from Yorkshire Copper Tube, including chrome-plated and degreased tube - see separate brochures for product details.

CUSTOMER COMMITMENT

It is the aim of Irish Metal Industries to achieve complete and long-term customer satisfaction. All our tube is produced using advanced manufacturing methods and sophisticated quality control techniques to ensure that consistently high standard products reach the installer. We are constantly seeking to improve the efficiency and reliability of our processes and business procedures.

QUALITY SYSTEM

In support of the individual product standards, all tube is manufactured and supplied under a Quality Management System approved to EN ISO 9001: 2000.

25 YEAR GUARANTEE

Few companies have the confidence to guarantee their products for a whole generation against manufacturing defects, yet Irish Metal Industries offers this outstanding guarantee. Records show that there is less than one chance in a million of a failure occurring in our products directly attributable to a manufacturing fault. Our 25 year guarantee is your guarantee against that unlikely eventuality.

A TOTAL SERVICE

Computerised stock control and ordering systems, together with co-ordinated transport and distribution networks, ensure efficient responses and fast delivery. Help and advice is readily available from our sales team, supported as needed by our Technical Services Department.

PRODUCT RANGE

We offer a range of straight, uncoated copper tube for above ground services and, when protection is required against aggressive environments, our plastic coated tube offers the ideal solution.

Its ease of manipulation and relatively light weight, combined with its ability to withstand high internal pressure, make it the ideal product for most hot and cold water, central heating and gas services installations.

STANDARD FEATURES

- Cu-DHP grade copper
- Straight lengths are NSAI Standard Mark approved
- Straight lengths 14.7 - 53.6 mm ($\frac{1}{2}$ " - 2") supplied in R250 (half hard) condition in 5.5m lengths, suitable for cold bending and forming
- PVC coated tube supplied in R220 (soft) condition 10 - 14.7mm ($\frac{1}{2}$ " in 25 and 50m coils, and 21mm ($\frac{3}{4}$ " in 25m coils, suitable for hand manipulation

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. BS6700) and/or Yorkshire Copper Tube Limited technical recommendations.

Irish Metal - Straight tube range

IS EN 1057 Half Hard (R250)

Size OD x Wall	Available Lengths	Nominal Tube Weight	Maximum Working Pressure up to 65°C	Bore Capacity	Tubes per inner bundle	Tubes per master bundle
(mm)	5.5m	(Kg/m)	(bar) #	(l/m)		
14.7 x 0.7	■	0.274	60	0.139	10	300
21 x 0.9	■	0.506	53	0.290	10	150
27.4 x 0.9	■	0.667	40	0.515	10	100
34 x 1.1	■	1.012	40	0.794	5	75
40.5 x 1.1	■	1.212	33	1.152	5	65
53.6 x 1.2	■	1.758	27	2.059	5	25

WICU® - Plastic coated coil range

Generally to EN 13349 & IS EN 1057 Annealed (R220)

Size OD x Wall	Plastic Covering Thickness	Available Lengths		Nominal Tube Weight	Nominal Covering Weight	Maximum Working Pressure up to 65°C	Water Capacity	Coils per pallet
(mm)	(mm)	25m	50m	(Kg/m)	(Kg/m)	(bar) #	(l/m)	
10 x 0.7	1.6	■	■	0.182	0.07	62	0.058	50
14.7 x 0.8	2.0	■	■	0.311	0.11	67	0.135	25
		■	■					30
21 x 0.9	2.0	■	■	0.587	0.17	57	0.314	20

Based on tube in the supplied hardness