



*Streamline*<sup>®</sup>



Mueller Europe has been manufacturing, and supplying the building industry for more than 75 years, but for many specifiers the name Wednesbury Tube will be more recognisable. This was the company that US based Mueller Industries Inc. acquired in 1997 and integrated under its own name into its worldwide operations.

The company is the worlds' leading producer of copper tube for the heating and plumbing market. Over the last few years, it has undertaken a massive capital investment programme at its Bilstion plant to create the most sophisticated and fully integrated copper tube production facility in Europe.

Mueller Europe's investment programme began in 2000. £30 million was initially spent on new machinery and completely modernising the plant and its operations. In addition to this, £2 million was invested in a new coiled pipe line, allowing coil or continuously drawn straight lengths to be produced in diameters between 6mm to 28mm, providing an in-line plastic coating, drawing, cutting and bundling facility to the coiled line. The company invested a further £1.5 million in a new line extension package, providing additional capacity allowing Mueller to maximise the service it provides to its customers.

## COMMITMENT

### STANDARDS & QUALITY

Mueller Europe's plain straight length tube to IS EN 1057-R250, with plain and plastic coated coils to IS EN 1057-R220 carry the Quality Mark of the National Standards Authority of Ireland.

The complete range of products from Mueller Europe include chrome-plated and degreased tube. For product details see separate brochures.

In support of the individual product standards, all tube is manufactured and supplied under a Quality Management System approved to EN ISO 9001:2015.

Mueller Europe aims 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.

### STREAMLINE PRODUCT RANGE

**Streamline** copper tube is available in straight uncoated lengths for above ground services.

**Protec** and **Protec 2000** are plastic coated versions, suitable for underground or other aggressive environments.

Copper tube is relatively light, easy to manipulate and ideal for all water, gas and heating services.



## 25 YEARS GUARANTEE

Mueller Europe 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.

## TOTAL SERVICE

Computerised stock control and ordering systems, together with co-ordinated transport and distribution networks, ensure efficient responses and fast delivery. Help is readily available from our sales team, supported by our technical department.

## FEATURES

-  Cu-DPH grade copper
-  Straight lengths are NSAI Standard Mark approved.
-  Straight lengths 14.7 – 53.6mm (1/2– 2") supplied in R250 (half hard) condition in 5.5m lengths suitable for cold bending and forming.
-  LDPE coated tube supplied in R220 (soft) condition 10 – 14.7mm (1/2) in 25 and 50 m coils and 21mm (3/4) 25m coils, suitable for hand manipulation.

## APPLICATIONS

-  Central Heating
-  Drinking Water
-  Gas
-  Hot and cold-water
-  Sanitation
-  Special engineering

### Streamline - 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	200
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	60
53.6 x 1.2	-	1.758	27	2.059	3	45

### Protec 2000 - Plastic coated coil range

#### IS EN 1057 Annealed (R220)

Size OD x Wall	Plastic Covering Thickness	Available Lengths	Nominal Tube Weight	Maximum Working Pressure up to 65oC	Water Capacity	Coils per pallet
(mm)	(mm)	25m	(Kg/m)	(bar) #	(l/m)	
14.7 x 0.7	2.0	-	0.274	46	0.139	15
21 x 0.9	2.0	-	0.506	40	0.290	10

### Protec 2000 - Plastic coated coil range EN 1057 (R220)

10 x 0.7	1.6	25m	0.183	69	0.058	28
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### Protec Plastic Coated Coils EN 1057 Blue Label Annealed (R220)

10 x 0.7	1.0	50m	0.183	69	0.058	10
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