



# LAWTON

TUBES

*The nations copper specialist*

## Product Catalogue Version VII



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## Introduction

Lawton Tubes is the UK's leading independent manufacturer and distributor of copper tube, proudly established in 1920. As a fifth-generation, family-owned business, we have earned a reputation for reliability, quality, and innovation.

We serve as a crucial link between one of the world's most versatile metals and a diverse range of industries and applications. Our extensive product offering includes copper tube, coils, degreased medical fittings, refrigeration fittings, and tubing for plumbing, heating, refrigeration, air conditioning, and electrical systems. We also supply copper for specialised applications such as electrical busbars, medical gas installations, automotive braking circuits, and various other engineering uses.

Copper's proven performance and inherent properties make it a cost-effective solution for many pipework and tubing needs. Its key benefits include:

- High strength and ductility.
- Excellent corrosion resistance.
- Compatibility with a wide range of fluids.
- Outstanding thermal and electrical conductivity.
- Exceptional fabrication and joining properties.

With a wide range of Kitemarked products in stock, supported by quality systems certified to BS EN ISO 9001 standards, we are dedicated to providing first-class service at competitive prices. In accordance with ISO EN 14021, our domestic plumbing copper pipe is now made from 100% recycled copper!

We strive to make the industries we work with more sustainable and help our clients reduce their carbon footprint. Copper is one of the 'greenest' metals available, and it is estimated that 80% of all copper produced in the last 10,000 years is still in use today. In addition, it uses 15% – 40% less energy to recycle copper than to produce it, making its reuse entirely viable.

It has a host of beneficial properties when used as pipework. As well as being durable, it's also antimicrobial, sustainable and can be repeatedly recycled, giving it an infinite lifecycle. In addition, we are so confident in the quality of our product we can provide guarantees spanning centuries.

At Lawton Tubes, we're tackling this issue head-on. We are proud to be working alongside the Copper Sustainability Partnership (CuSP) to challenge, educate and inform industry leaders about the benefits of copper. Our aim is to help combat the overuse of plastics and support the businesses we work with in implementing a renewable solution for the future, to safeguard the natural world.



ISO 9001  
Quality  
Management  
Systems

CERTIFIED  
FM 00451

ISO 14001  
Environmental  
Management

CERTIFIED  
EMS 706972

## Contents

### LAWTON PLUMBING Plumbing Range

|                          |    |
|--------------------------|----|
| Tubes.....               | 7  |
| Press.....               | 12 |
| End Feed.....            | 14 |
| Solder Ring.....         | 17 |
| Compression.....         | 20 |
| Pipe Fixtures.....       | 25 |
| Soldering Solutions..... | 26 |

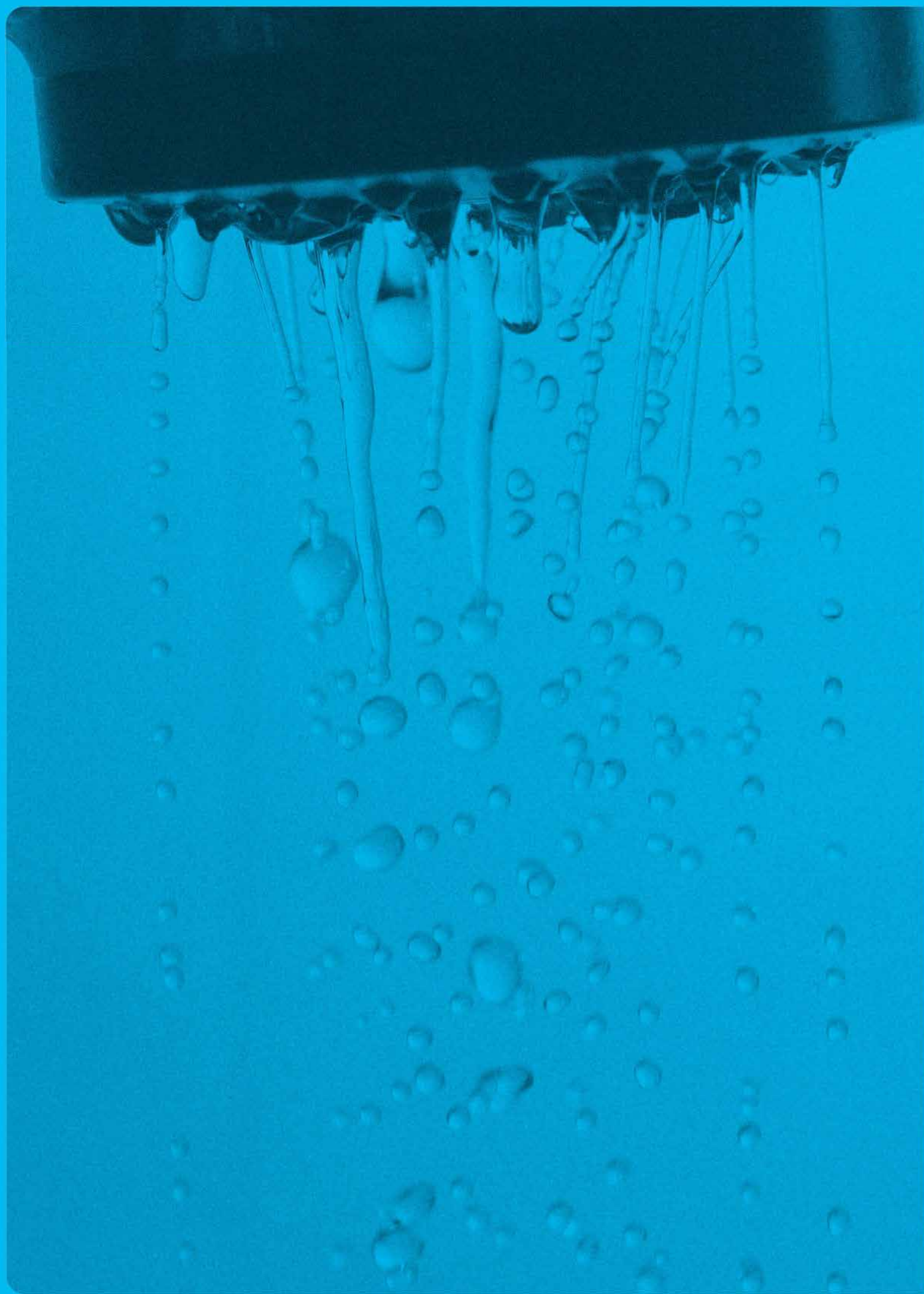
### LAWTON ACR ACR Range

|                             |    |
|-----------------------------|----|
| Tubes.....                  | 28 |
| Fittings & Accessories..... | 32 |
| Maxipro.....                | 37 |
| K65.....                    | 40 |
| Pre-Insulated Coil.....     | 43 |

### LAWTON MEDICAL Medical Range

|                             |    |
|-----------------------------|----|
| Tubes.....                  | 46 |
| Fittings & Accessories..... | 50 |





# LAWTON

PLUMBING

Plumbing Tube and Fittings

Lawton's plumbing and heating product range includes:

- Straight lengths
- Coils
- Fittings
- Plumbing Accessories

Demand Lawton's Copper for:

- Commercial and domestic plumbing and heating installations
- Hot and Cold water systems, including carrying potable water
- Commercial and domestic heating systems
- Sanitation systems
- General engineering applications

Lawton's Plumbing and Heating products were used in many prestigious projects including:

- Millennium Stadium
- UK Olympic Stadium and Village
- Celtic Manor Hotel
- Houses of Parliament

Demand Lawton Tubes for:

- Strength
- Quality
- Reliability





## Straight Lengths and Coils

Lawton Tubes supply EN1057 in plain tube and plain coils. Straight length copper tube is available in various lengths. Diameters range from 6mm for small domestic installations to 219mm, for large commercial projects. We also have stocks of large diameter tubes available for immediate despatch. We also stock a range of soft temper coils from 6mm-22mm

As an alternative to traditional 1.2mm thick EN1057, and providing you with considerable cost savings without compromising operating performance, we can also supply Lawton LiteX, a hard drawn, lightweight, kitemarked tube, available in 35 and 42mm\*.

Plain Straight Lengths TX  
BS EN 1057

**LAWTON**  
TABLE X

| Size OD<br>(mm) | Temper<br>Hardness | Wall<br>(mm) | Available in (metres) |     |   |   |   |  |
|-----------------|--------------------|--------------|-----------------------|-----|---|---|---|--|
|                 |                    |              | 1                     | 1.5 | 2 | 3 | 6 |  |
| 6mm             | R250               | 0.6          |                       |     |   | * | * |  |
| 8mm             | R250               | 0.6          |                       |     |   | * | * |  |
| 10mm            | R250               | 0.6          |                       |     |   | * | * |  |
| 15mm            | R250               | 0.7          | *                     | *   | * | * | * |  |
| 22mm            | R250               | 0.9          | *                     | *   | * | * | * |  |
| 28mm            | R250               | 0.9          | *                     | *   | * | * | * |  |
| 35mm            | R250               | 1.2          |                       |     | * | * | * |  |
| 42mm            | R250               | 1.2          |                       |     | * | * | * |  |
| 54mm            | R290               | 1.2          |                       |     | * | * | * |  |
| 67mm            | R290               | 1.2          |                       |     |   | * | * |  |
| 76mm            | R290               | 1.5          |                       |     |   | * | * |  |
| 108mm           | R290               | 1.5          |                       |     |   | * | * |  |
| 133mm           | R290               | 1.5          |                       |     |   | * | * |  |
| 159mm           | R290               | 2.0          |                       |     |   | * | * |  |
| 219mm           | R290               | 3.0          |                       |     |   |   | * |  |

LiteX  
BS EN 1057

**LAWTON**  
LITEX

| Size OD<br>(mm) | Temper<br>Hardness | Wall<br>(mm) | Available in (metres) |     |   |   |   |  |
|-----------------|--------------------|--------------|-----------------------|-----|---|---|---|--|
|                 |                    |              | 1                     | 1.5 | 2 | 3 | 6 |  |
| 35mm            | R290               | 1.0          |                       |     | * | * | * |  |
| 42mm            | R290               | 1.0          |                       |     | * | * | * |  |

Plain Straight Lengths TY  
BS EN 1057

**LAWTON**  
TABLE Y

| Size OD<br>(mm) | Temper<br>Hardness | Wall<br>(mm) | Available in (metres) |     |   |   |   |  |
|-----------------|--------------------|--------------|-----------------------|-----|---|---|---|--|
|                 |                    |              | 1                     | 1.5 | 2 | 3 | 6 |  |
| 6mm             | R250               | 0.8          |                       |     |   | * | * |  |
| 8mm             | R250               | 0.8          |                       |     |   | * | * |  |
| 10mm            | R250               | 0.8          |                       |     |   | * | * |  |
| 15mm            | R250               | 1.0          |                       |     |   | * | * |  |
| 22mm            | R250               | 1.2          |                       |     |   | * | * |  |
| 28mm            | R250               | 1.2          |                       |     |   | * | * |  |
| 35mm            | R290               | 1.5          |                       |     |   | * | * |  |
| 42mm            | R290               | 1.5          |                       |     |   | * | * |  |
| 54mm            | R290               | 2.0          |                       |     |   | * | * |  |
| 67mm            | R290               | 2.0          |                       |     |   | * | * |  |
| 76mm            | R290               | 2.0          |                       |     |   | * | * |  |
| 108mm           | R290               | 2.5          |                       |     |   | * | * |  |

Chrome Plated  
BS EN 1057 / BS EN 1456

**LAWTON**  
TABLE Z

| Size OD<br>(mm) | Temper<br>Hardness | Wall<br>(mm) | Available in (metres) |     |   |   |   |  |
|-----------------|--------------------|--------------|-----------------------|-----|---|---|---|--|
|                 |                    |              | 1                     | 1.5 | 2 | 3 | 6 |  |
| 15mm            | R250               | 0.7          | *                     | *   | * | * |   |  |
| 22mm            | R250               | 0.9          |                       |     | * | * |   |  |
| 28mm            | R250               | 0.9          |                       |     |   | * |   |  |
| 35mm            | R290               | 1.0          |                       |     |   | * |   |  |
| 42mm            | R290               | 1.0          |                       |     |   | * |   |  |
| 54mm            | R290               | 1.0          |                       |     |   | * |   |  |

Plain Coils TW  
BS EN 1057

**LAWTON**  
TABLE AA

| Size OD<br>(mm) | Temper<br>Hardness | Wall<br>(mm) | Available in (metres) |    |    |
|-----------------|--------------------|--------------|-----------------------|----|----|
|                 |                    |              | 10                    | 25 | 50 |
| 6mm             | R220               | 0.6          |                       | *  |    |
| 8mm             | R220               | 0.6          | *                     | *  | *  |
| 10mm            | R220               | 0.7          | *                     | *  | *  |

Plain Coils TY  
BS EN 1057

**LAWTON**  
TABLE AB

| Size OD<br>(mm) | Temper<br>Hardness | Wall<br>(mm) | Available in (metres) |    |    |
|-----------------|--------------------|--------------|-----------------------|----|----|
|                 |                    |              | 10                    | 25 | 50 |
| 15mm            | R220               | 1.0          |                       | *  |    |
| 22mm            | R220               | 1.2          |                       | *  |    |



All straight 15mm – 54mm Copper Tubes are stamped with:

- Tube size
- Kitemark
- EN1057
- Temper (hardness)
- Manufacturer
- Date (quarter)

67mm tubes and above are stamped

\* As hard drawn, these tubes are unsuitable for bending in "as supplied" condition



# LAWTON

COATED





## Plastic Coated Straight Lengths and Coils

Lawton Tube plastic coated copper is manufactured to conform to BS EN 13349 / 1057. All tube is covered with a seamless plastic coating which protects the copper tube against abrasion and aggressive materials. The tube is also colour coded to fall in line with UK local authority specifications and BS 1710: 2014, "Specification for identification of pipelines and services".

Lawton Tubes supply plastic coated in straight lengths and coils which are covered under a 25 year guarantee against manufacturing defects. The straight lengths are available in a range of sizes including 3, 5.8 and 6 metre lengths. Coils are in 20, 25 and 50 metre options.

In addition to the current extensive range, Lawton Tube offer the flexibility to manufacture plastic coated copper in virtually any size or colour to meet individual specifications.

\*In accordance with BS 6700 all products should be designed, installed and used to the appropriate specification. For further details please see Lawton Tube technical guide for recommendations.

White Plastic Coated Copper Tubes  
BS EN 13349 / BS EN 1057

**LAWTON**  
COATED

| Size<br>(mm) | Temper<br>Hardness | Wall<br>(mm) | Available in (metres) |     |   |
|--------------|--------------------|--------------|-----------------------|-----|---|
|              |                    |              | 3                     | 5.8 | 6 |
| 15mm         | R250               | 0.7          | *                     | *   | * |
| 22mm         | R250               | 0.9          | *                     | *   | * |
| 28mm         | R250               | 0.9          | *                     | *   | * |
| 35mm         | R290               | 1.0          | *                     | *   | * |
| 42mm         | R290               | 1.0          | *                     | *   | * |
| 54mm         | R290               | 1.2          | *                     | *   | * |
| 67mm         | R290               | 1.2          | *                     | *   | * |
| 76mm         | R290               | 1.5          | *                     | *   | * |
| 108mm        | R290               | 1.5          | *                     | *   | * |

PVC Coated Coils  
BS EN 13349 / BS EN 1057

**LAWTON**  
COATED

| Size<br>(mm) | Temper<br>Hardness | Wall<br>(mm) | Available in (metres) |              |       |
|--------------|--------------------|--------------|-----------------------|--------------|-------|
|              |                    |              | 20                    | 25           | 50    |
| 8mm          | R220               | 0.6          |                       | White        |       |
| 10mm         | R220               | 0.7          |                       | White/Yellow | White |
| 15mm         | R220               | 1.0          |                       | Yellow/Blue  |       |
| 22mm         | R220               | 1.2          |                       | Yellow/Blue  |       |
| 28mm         | R220               | 1.2          | Yellow                |              |       |

Yellow PVC Coated Tube  
BS EN 13349 / BS EN 1057

**LAWTON**  
COATED

| Size<br>(mm) | Temper<br>Hardness | Wall<br>(mm) | Available in (metres) |     |   |
|--------------|--------------------|--------------|-----------------------|-----|---|
|              |                    |              | 3                     | 5.8 | 6 |
| 15mm         | R250               | 0.7          | *                     |     | * |
| 22mm         | R250               | 0.9          | *                     |     | * |
| 28mm         | R250               | 0.9          | *                     |     | * |

Green Plastic Coated Copper Tubes  
BS EN 13349 / BS EN 1057

**LAWTON**  
COATED

| Size<br>(mm) | Temper<br>Hardness | Wall<br>(mm) | Available in (metres) |     |   |
|--------------|--------------------|--------------|-----------------------|-----|---|
|              |                    |              | 3                     | 5.8 | 6 |
| 15mm         | R250               | 1.0          |                       |     | * |
| 22mm         | R250               | 1.2          |                       |     | * |
| 28mm         | R250               | 1.2          |                       |     | * |
| 35mm         | R290               | 1.5          |                       |     | * |
| 42mm         | R290               | 1.5          |                       |     | * |
| 54mm         | R290               | 2.0          |                       |     | * |
| 67mm         | R290               | 2.0          |                       |     | * |
| 76mm         | R290               | 2.0          |                       |     | * |
| 108mm        | R290               | 2.5          |                       |     | * |





## Class B Fire Rated Coil

A fast and easy solution that meets the needs of Euroclass EN 13501-1 Rating of BL-s1,d0

- Backed by Lawton's reputation for quality, service and customer care for over 100 years.
- Meets European Building and Fire Safety Regulations
- PE Foam B rated insulation matched with Lawton Copper tube gives total product confidence
- Suitable for Heat Pump and Air Conditioning applications
- Available in 20mtr & 25mtr coils, in both 9mm and 13mm thickness
- Easy installation. No glue, tape or messy powder
- Using pre insulated coil achieves pipework installation in less than half the time of conventional methods
- New improved profile developed for easy splitting during installation

### Pair Coil

| Part Number    | Tube Dimensions               | Insulation Thickness | Lengths | Pallet Qty (coils) |
|----------------|-------------------------------|----------------------|---------|--------------------|
| LPC1438CB-9MM  | 1/4" x 0.71mm & 3/8" x 0.81mm | 9mm (3/8")           | 25m     | 11                 |
| LPC1412CB-9MM  | 1/4" x 0.71mm & 1/2" x 0.81mm | 9mm (3/8")           | 25m     | 11                 |
| LPC1458CB-9MM  | 1/4" x 0.71mm & 5/8" x 0.91mm | 9mm (3/8")           | 25m     | 11                 |
| LPC3858CB-9MM  | 3/8" x 0.81mm & 5/8" x 0.91mm | 9mm (3/8")           | 25m     | 10                 |
| LPC1438CB-13MM | 1/4" x 0.71mm & 3/8" x 0.81mm | 13mm (1/2")          | 20m     | 11                 |
| LPC1412CB-13MM | 1/4" x 0.71mm & 1/2" x 0.81mm | 13mm (1/2")          | 20m     | 10                 |
| LPC1458CB-13MM | 1/4" x 0.71mm & 5/8" x 0.91mm | 13mm (1/2")          | 20m     | 10                 |
| LPC3858CB-13MM | 3/8" x 0.81mm & 5/8" x 0.91mm | 13mm (1/2")          | 20m     | 9                  |



# LAWTON

## FITTINGS



## Fittings & Accessories

Lawton Tubes provides a comprehensive selection of high-quality plumbing fittings and accessories designed to meet a wide range of applications. Our offerings include press fittings, end feed fittings, brazing fittings, solder ring, standard compression, DZR compression, brass and chrome pipe rings, along with essential items like solder, soldering flux, and brazing rods.

Our innovative Lawton Press fittings are available in sizes ranging from 15-54mm, making them ideal for potable water, heating, and cooling systems. Backed by an industry-leading 30-year warranty, this product reflects our unwavering commitment to quality and reliability.

### Press fittings BS EN 1254-7

**LAWTON**  
PRESS

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PRESS

#### Straight Coupler Press



| Part Code | Size   | Bag | Box |
|-----------|--------|-----|-----|
| PFCP015   | 15mm   | 10  | 400 |
| PFCP022   | 22mm   | 10  | 170 |
| PFCP028   | 28mm   | 5   | 120 |
| PFCP035   | 35mm   | 2   | 70  |
| PFCP042   | 42mm   | 2   | 50  |
| PFCP054   | 54mm   | 2   | 26  |
| PFCP067   | 67mm   | 1   | 15  |
| PFCP076   | 76.1mm | 1   | 10  |
| PFCP108   | 108mm  | 1   | 6   |

#### Reducer Coupler Press



| Part Code | Size       | Bag | Box |
|-----------|------------|-----|-----|
| PFCP02215 | 22 x 15 mm | 10  | 200 |
| PFCP02815 | 28 x 15 mm | 5   | 150 |
| PFCP02822 | 28 x 22 mm | 5   | 120 |
| PFCP03515 | 35 x 15 mm | 2   | 80  |

#### Female Adaptor Brass



| Part Code      | Size          | Bag | Box |
|----------------|---------------|-----|-----|
| PFCPFI0151/2   | 15mm x 1/2"   | 10  | 250 |
| PFCPFI0153/4   | 15mm x 3/4"   | 10  | 200 |
| PFCPFI0221/2   | 22mm x 1/2"   | 10  | 200 |
| PFCPFI0223/4   | 22mm x 3/4"   | 10  | 200 |
| PFCPFI0281     | 28mm x 1"     | 10  | 120 |
| PFCPFI0351 1/4 | 35mm x 1 1/4" | 1   | 60  |
| PFCPFI0421 1/2 | 42mm x 1 1/2" | 1   | 40  |
| PFCPFI0542     | 54mm x 2"     | 1   | 25  |

#### Male Adaptor Brass



| Part Code      | Size          | Bag | Box |
|----------------|---------------|-----|-----|
| PFCPMI0151/2   | 15mm x 1/2"   | 10  | 250 |
| PFCPMI0153/4   | 15mm x 3/4"   | 10  | 200 |
| PFCPMI0221/2   | 22mm x 1/2"   | 10  | 200 |
| PFCPMI0223/4   | 22mm x 3/4"   | 10  | 200 |
| PFCPMI0281     | 28mm x 1"     | 10  | 120 |
| PFCPMI0283/4   | 28mm x 3/4"   | 10  | 120 |
| PFCPMI0351 1/4 | 35mm x 1 1/4" | 1   | 60  |
| PFCPMI0421 1/2 | 42mm x 1 1/2" | 1   | 40  |
| PFCPMI0542     | 54mm x 2"     | 1   | 25  |

#### 90 Degree Elbow Press



| Part Code | Size        | Bag | Box |
|-----------|-------------|-----|-----|
| PFEL015   | 15mm x 90   | 10  | 220 |
| PFEL022   | 22mm x 90   | 10  | 120 |
| PFEL028   | 28mm x 90   | 5   | 60  |
| PFEL035   | 35mm x 90   | 2   | 40  |
| PFEL042   | 42mm x 90   | 2   | 26  |
| PFEL054   | 54mm x 90   | 2   | 12  |
| PFEL067   | 67mm x 90   | 1   | 5   |
| PFEL076   | 76.1mm x 90 | 1   | 3   |
| PFEL108   | 108mm x 90  | 1   | 2   |

#### 45 Degree Elbow Press



| Part Code | Size        | Bag | Box |
|-----------|-------------|-----|-----|
| PFEL01545 | 15mm x 45   | 10  | 300 |
| PFEL02245 | 22mm x 45   | 10  | 150 |
| PFEL02845 | 28mm x 45   | 5   | 70  |
| PFEL03545 | 35mm x 45   | 2   | 50  |
| PFEL04245 | 42mm x 45   | 2   | 30  |
| PFEL05445 | 54mm x 45   | 2   | 12  |
| PFEL06745 | 66.7mm x 45 | 1   | 6   |
| PFEL07645 | 76.1mm x 45 | 1   | 3   |
| PFEL10845 | 108mm x 45  | 1   | 2   |

#### 45 Degree Street Elbow



| Part Code  | Size        | Bag | Box |
|------------|-------------|-----|-----|
| PFELS01545 | 15mm x 45   | 10  | 300 |
| PFELS02245 | 22mm x 45   | 10  | 150 |
| PFELS02845 | 28mm x 45   | 5   | 70  |
| PFELS03545 | 35mm x 45   | 2   | 50  |
| PFELS04245 | 42mm x 45   | 2   | 30  |
| PFELS05445 | 54mm x 45   | 2   | 12  |
| PFELS06745 | 66.7mm x 45 | 1   | 6   |
| PFELS07645 | 76.1mm x 45 | 1   | 3   |
| PFELS10845 | 108mm x 45  | 1   | 2   |

#### 90 Degree Street Elbow



| Part Code | Size        | Bag | Box |
|-----------|-------------|-----|-----|
| PFELS015  | 15mm x 90   | 10  | 220 |
| PFELS022  | 22mm x 90   | 10  | 120 |
| PFELS028  | 28mm x 90   | 5   | 60  |
| PFELS035  | 35mm x 90   | 2   | 40  |
| PFELS042  | 42mm x 90   | 2   | 26  |
| PFELS054  | 54mm x 90   | 2   | 12  |
| PFELS067  | 66.7mm x 90 | 1   | 5   |
| PFELS076  | 76.1mm x 90 | 1   | 3   |
| PFELS108  | 108mm x 90  | 1   | 2   |

#### Slip Coupler Press



| Part Code | Size | Bag | Box |
|-----------|------|-----|-----|
| PFSC015   | 15mm | 10  | 400 |
| PFSC022   | 22mm | 10  | 170 |
| PFSC028   | 28mm | 5   | 120 |
| PFSC035   | 35mm | 2   | 70  |
| PFSC042   | 42mm | 2   | 50  |
| PFSC054   | 54mm | 2   | 26  |
| PFSC067   | 67mm | 1   | 15  |



Reducer Press



| Part Code  | Size         | Bag | Box |
|------------|--------------|-----|-----|
| PFRED02215 | 22 x 15mm    | 10  | 250 |
| PFRED02815 | 28 x 15mm    | 5   | 150 |
| PFRED02822 | 28 x 22mm    | 5   | 150 |
| PFRED03515 | 35 x 15mm    | 5   | 80  |
| PFRED03522 | 35 x 22mm    | 2   | 80  |
| PFRED03528 | 35 x 28mm    | 2   | 70  |
| PFRED04215 | 42 x 15mm    | 2   | 50  |
| PFRED04222 | 42 x 22mm    | 2   | 50  |
| PFRED04228 | 42 x 28mm    | 2   | 50  |
| PFRED04235 | 42 x 35mm    | 2   | 50  |
| PFRED05415 | 54 x 15mm    | 2   | 36  |
| PFRED05422 | 54 x 22mm    | 2   | 30  |
| PFRED05428 | 54 x 28mm    | 2   | 30  |
| PFRED05435 | 54 x 35mm    | 2   | 30  |
| PFRED05442 | 54 x 42mm    | 2   | 30  |
| PFRED06728 | 67 x 28mm    | 1   | 15  |
| PFRED06735 | 67 x 35mm    | 1   | 15  |
| PFRED06742 | 67 x 42mm    | 1   | 15  |
| PFRED06754 | 66.7 x 54mm  | 1   | 15  |
| PFRED07628 | 76.1 x 28mm  | 1   | 15  |
| PFRED07635 | 76.1 x 35mm  | 1   | 15  |
| PFRED07642 | 76.1 x 42mm  | 1   | 15  |
| PFRED07654 | 76.1 x 54mm  | 1   | 15  |
| PFRED07667 | 76.1 x 67mm  | 1   | 15  |
| PFRED10828 | 108 x 28mm   | 1   | 6   |
| PFRED10835 | 108 x 35mm   | 1   | 6   |
| PFRED10842 | 108 x 42mm   | 1   | 6   |
| PFRED10854 | 108 x 54mm   | 1   | 6   |
| PFRED10867 | 108 x 66.7mm | 1   | 6   |
| PFRED10876 | 108 x 76.1mm | 1   | 6   |

Reducer Tee Press



| Part Code   | Size               | Bag | Box |
|-------------|--------------------|-----|-----|
| PFTE0151522 | 15mm x 15mm x 22mm | 10  | 100 |
| PFTE0221515 | 22mm x 15mm x 15mm | 10  | 100 |
| PFTE0221522 | 22mm x 15mm x 22mm | 10  | 60  |
| PFTE0222215 | 22mm x 22mm x 15mm | 10  | 100 |
| PFTE0222228 | 22mm x 22mm x 28mm | 10  | 60  |
| PFTE0281515 | 28mm x 15mm x 15mm | 5   | 60  |
| PFTE0281522 | 28mm x 15mm x 22mm | 5   | 50  |
| PFTE0281528 | 28mm x 15mm x 28mm | 5   | 50  |
| PFTE0282215 | 28mm x 22mm x 15mm | 5   | 50  |
| PFTE0282222 | 28mm x 22mm x 22mm | 5   | 50  |
| PFTE0282228 | 28mm x 22mm x 28mm | 5   | 50  |
| PFTE0282815 | 28mm x 28mm x 15mm | 5   | 60  |
| PFTE0282822 | 28mm x 28mm x 22mm | 5   | 50  |
| PFTE0352222 | 35mm x 22mm x 22mm | 5   | 30  |
| PFTE0352235 | 35mm x 22mm x 35mm | 5   | 25  |
| PFTE0352822 | 35mm x 28mm x 22mm | 5   | 30  |
| PFTE0352835 | 35mm x 28mm x 35mm | 5   | 25  |
| PFTE0353515 | 35mm x 35mm x 15mm | 2   | 30  |
| PFTE0353522 | 35mm x 35mm x 22mm | 2   | 30  |
| PFTE0353528 | 35mm x 35mm x 28mm | 2   | 24  |
| PFTE0423535 | 42mm x 35mm x 35mm | 2   | 30  |
| PFTE0424215 | 42mm x 42mm x 15mm | 2   | 24  |
| PFTE0424222 | 42mm x 42mm x 22mm | 2   | 24  |
| PFTE0424228 | 42mm x 42mm x 28mm | 2   | 24  |
| PFTE0424235 | 42mm x 42mm x 35mm | 2   | 20  |
| PFTE0545415 | 54mm x 54mm x 15mm | 2   | 16  |
| PFTE0545422 | 54mm x 54mm x 22mm | 2   | 12  |
| PFTE0545428 | 54mm x 54mm x 28mm | 2   | 12  |
| PFTE0545435 | 54mm x 54mm x 35mm | 2   | 10  |
| PFTE0545442 | 54mm x 54mm x 42mm | 2   | 10  |

Straight Swivel Connector



| Part Code   | Size        | Bag | Box |
|-------------|-------------|-----|-----|
| PFSSC0151/2 | 15mm x 1/2" | 10  | 200 |
| PFSSC0223/4 | 22mm x 3/4" | 10  | 150 |

End Cap Press



| Part Code | Size | Bag | Box |
|-----------|------|-----|-----|
| PFEC015   | 15mm | 10  | 600 |
| PFEC022   | 22mm | 10  | 400 |
| PFEC028   | 28mm | 5   | 220 |
| PFEC035   | 35mm | 2   | 100 |
| PFEC042   | 42mm | 2   | 70  |
| PFEC054   | 54mm | 2   | 50  |

Equal Tee Press



| Part Code | Size   | Bag | Box |
|-----------|--------|-----|-----|
| PFTE015   | 15mm   | 10  | 150 |
| PFTE022   | 22mm   | 10  | 70  |
| PFTE028   | 28mm   | 5   | 35  |
| PFTE035   | 35mm   | 2   | 26  |
| PFTE042   | 42mm   | 2   | 20  |
| PFTE054   | 54mm   | 2   | 10  |
| PFTE067   | 66.7mm | 1   | 5   |
| PFTE076   | 76.1mm | 1   | 4   |
| PFTE108   | 108mm  | 1   | 1   |

Female Tee Brass



| Part Code     | Size               | Bag | Box |
|---------------|--------------------|-----|-----|
| PFTEF015151/2 | 15mm x 15mm x 1/2" | 10  | 150 |
| PFTEF022221/2 | 22mm x 22mm x 1/2" | 10  | 100 |
| PFTEF022223/4 | 22mm x 22mm x 3/4" | 10  | 100 |
| PFTEF028281   | 28mm x 28mm x 1"   | 10  | 50  |
| PFTEF028281/2 | 28mm x 28mm x 1/2" | 10  | 50  |



End-feed fittings  
BS EN 1254-1

**LAWTON**

END-FEED

Coupling



| Part Code | Size   | Bag | Box  |
|-----------|--------|-----|------|
| EFCP008   | 8mm    | 10  | 5000 |
| EFCP010   | 10mm   | 10  | 2400 |
| EFCP015   | 15mm   | 25  | 2000 |
| EFCP022   | 22mm   | 10  | 700  |
| EFCP028   | 28mm   | 10  | 300  |
| EFCP035   | 35mm   | 1   | 150  |
| EFCP042   | 42mm   | 1   | 125  |
| EFCP054   | 54mm   | 1   | 60   |
| EFCP067   | 66.7mm | 1   | 40   |
| EFCP076   | 76.1mm | 1   | 25   |
| EFCP108   | 108mm  | 1   | 10   |
| EFCP133   | 133mm  | 1   | 5    |
| EFCP159   | 159mm  | 1   | 5    |
| EFCP219   | 219mm  | 1   | 1    |

Metric to Imperial Coupling



|             |               |    |      |
|-------------|---------------|----|------|
| EFCP0151/2  | 15mm x 1/2"   | 10 | 1200 |
| EFCP0223/4  | 22mm x 3/4"   | 10 | 800  |
| EFCP0281    | 28mm x 1"     | 10 | 250  |
| EFCP03511/4 | 35mm x 1.1/4" | 10 | 200  |

Long Tail Reducer



|              |             |    |      |
|--------------|-------------|----|------|
| EFREDLT0158  | 15mm x 8mm  | 25 | 1000 |
| EFREDLT01510 | 15mm x 10mm | 25 | 1000 |

Reducer Coupling (C X C)



|           |                 |    |      |
|-----------|-----------------|----|------|
| EFCP0108  | 10mm x 8mm      | 10 | 2000 |
| EFCP0158  | 15mm x 8mm      | 10 | 2000 |
| EFCP01510 | 15mm x 10mm     | 25 | 1200 |
| EFCP01512 | 15mm x 12mm     | 10 | 1200 |
| EFCP02215 | 22mm x 15mm     | 10 | 800  |
| EFCP02815 | 28mm x 15mm     | 10 | 500  |
| EFCP02822 | 28mm x 22mm     | 10 | 400  |
| EFCP03515 | 35mm x 15mm     | 1  | 200  |
| EFCP03522 | 35mm x 22mm     | 1  | 200  |
| EFCP03528 | 35mm x 28mm     | 1  | 150  |
| EFCP04215 | 42mm x 15mm     | 1  | 125  |
| EFCP04222 | 42mm x 22mm     | 1  | 125  |
| EFCP04228 | 42mm x 28mm     | 1  | 125  |
| EFCP04235 | 42mm x 35mm     | 1  | 125  |
| EFCP05415 | 54mm x 15mm     | 1  | 100  |
| EFCP05422 | 54mm x 22mm     | 1  | 100  |
| EFCP05428 | 54mm x 28mm     | 1  | 100  |
| EFCP05435 | 54mm x 35mm     | 1  | 80   |
| EFCP05442 | 54mm x 42mm     | 1  | 75   |
| EFCP06754 | 66.7mm x 54mm   | 1  | 40   |
| EFCP07635 | 76.1mm x 35mm   | 1  | 25   |
| EFCP07642 | 76.1mm x 42mm   | 1  | 25   |
| EFCP07654 | 76.1mm x 54mm   | 1  | 25   |
| EFCP07667 | 76.1mm x 66.7mm | 1  | 25   |
| EFCP10876 | 108mm x 76.1mm  | 1  | 10   |

**LAWTON**

END-FEED

Slip Coupling



| Part Code | Size | Bag | Box  |
|-----------|------|-----|------|
| EFSC015   | 15mm | 25  | 1200 |
| EFSC022   | 22mm | 10  | 400  |
| EFSC028   | 28mm | 10  | 300  |
| EFSC035   | 35mm | 1   | 200  |
| EFSC042   | 42mm | 1   | 120  |
| EFSC054   | 54mm | 1   | 50   |

Fitting Reducer (FTG X C)



|             |                 |    |      |
|-------------|-----------------|----|------|
| EFRED0108   | 10mm x 8mm      | 10 | 2000 |
| EFRED0158   | 15mm x 8mm      | 10 | 2000 |
| EFRED01510  | 15mm x 10mm     | 25 | 1800 |
| EFRED02215  | 22mm x 15mm     | 10 | 800  |
| EFRED02815  | 28mm x 15mm     | 10 | 400  |
| EFRED02822  | 28mm x 22mm     | 10 | 300  |
| EFRED03515  | 35mm x 15mm     | 1  | 200  |
| EFRED03522  | 35mm x 22mm     | 1  | 200  |
| EFRED03528  | 35mm x 28mm     | 1  | 150  |
| EFRED04215  | 42mm x 15mm     | 1  | 150  |
| EFRED04222  | 42mm x 22mm     | 1  | 125  |
| EFRED04228  | 42mm x 28mm     | 1  | 125  |
| EFRED04235  | 42mm x 35mm     | 1  | 100  |
| EFRED05415  | 54mm x 15mm     | 1  | 100  |
| EFRED05422  | 54mm x 22mm     | 1  | 100  |
| EFRED05428  | 54mm x 28mm     | 1  | 100  |
| EFRED05435  | 54mm x 35mm     | 1  | 80   |
| EFRED05442  | 54mm x 42mm     | 1  | 80   |
| EFRED06728  | 66.7mm x 28mm   | 1  | 50   |
| EFRED06735  | 66.7mm x 35mm   | 1  | 50   |
| EFRED06742  | 66.7mm x 42mm   | 1  | 50   |
| EFRED06754  | 66.7mm x 54mm   | 1  | 50   |
| EFRED07635  | 76.1mm x 35mm   | 1  | 50   |
| EFRED07642  | 76.1mm x 42mm   | 1  | 40   |
| EFRED07654  | 76.1mm x 54mm   | 1  | 40   |
| EFRED07667  | 76.1mm x 66.7mm | 1  | 25   |
| EFRED10842  | 108mm x 42mm    | 1  | 10   |
| EFRED10854  | 108mm x 54mm    | 1  | 10   |
| EFRED10867  | 108mm x 66.7mm  | 1  | 10   |
| EFRED10876  | 108mm x 76.1mm  | 1  | 10   |
| EFRED13367  | 133mm x 66.7mm  | 1  | 10   |
| EFRED13376  | 133 x 76.1mm    | 1  | 10   |
| EFRED133108 | 133mm x 108mm   | 1  | 5    |
| EFRED15976  | 159mm x 76.1mm  | 1  | 5    |
| EFRED159108 | 159mm x 108mm   | 1  | 5    |
| EFRED159133 | 159mm x 133mm   | 1  | 5    |
| EFRED219159 | 219mm x 159mm   | 1  | 1    |





### 90 Degree Long Tail Street Elbow

| Part Code  | Size | Bag | Box |
|------------|------|-----|-----|
| EFELSLT015 | 15mm | 10  | 200 |
| EFELSLT022 | 22mm | 10  | 200 |



### 90 Degree Elbow

|         |        |     |      |
|---------|--------|-----|------|
| EFEL008 | 8mm    | 100 | 5000 |
| EFEL010 | 10mm   | 25  | 4000 |
| EFEL015 | 15mm   | 25  | 1500 |
| EFEL022 | 22mm   | 25  | 500  |
| EFEL028 | 28mm   | 10  | 200  |
| EFEL035 | 35mm   | 1   | 125  |
| EFEL042 | 42mm   | 1   | 70   |
| EFEL054 | 54mm   | 1   | 40   |
| EFEL067 | 66.7mm | 1   | 20   |
| EFEL076 | 76.1mm | 1   | 20   |
| EFEL108 | 108mm  | 1   | 5    |
| EFEL133 | 133mm  | 1   | 2    |
| EFEL159 | 159mm  | 1   | 2    |
| EFEL219 | 219mm  | 1   | 1    |



### Long Radius Elbow

|           |        |    |     |
|-----------|--------|----|-----|
| EFELLR015 | 15mm   | 10 | 600 |
| EFELLR022 | 22mm   | 10 | 300 |
| EFELLR028 | 28mm   | 10 | 100 |
| EFELLR067 | 66.7mm | 1  | 10  |
| EFELLR076 | 76.1mm | 1  | 5   |
| EFELLR108 | 108mm  | 1  | 3   |



### 45 Degree Elbow

|           |        |    |      |
|-----------|--------|----|------|
| EFEL00845 | 8mm    | 10 | 1000 |
| EFEL01045 | 10mm   | 10 | 800  |
| EFEL01545 | 15mm   | 25 | 1500 |
| EFEL02245 | 22mm   | 25 | 500  |
| EFEL02845 | 28mm   | 10 | 300  |
| EFEL03545 | 35mm   | 1  | 125  |
| EFEL04245 | 42mm   | 1  | 100  |
| EFEL05445 | 54mm   | 1  | 40   |
| EFEL06745 | 66.7mm | 1  | 20   |
| EFEL07645 | 76.1mm | 1  | 20   |
| EFEL10845 | 108mm  | 1  | 5    |
| EFEL13345 | 133mm  | 1  | 3    |
| EFEL15945 | 159mm  | 1  | 2    |
| EFEL21945 | 219mm  | 1  | 1    |



### 45 Degree Street Elbow

|            |        |    |      |
|------------|--------|----|------|
| EFELS01545 | 15mm   | 25 | 1200 |
| EFELS02245 | 22mm   | 25 | 500  |
| EFELS02845 | 28mm   | 10 | 300  |
| EFELS03545 | 35mm   | 1  | 125  |
| EFELS04245 | 42mm   | 1  | 100  |
| EFELS05445 | 54mm   | 1  | 40   |
| EFELS06745 | 66.7mm | 1  | 25   |
| EFELS07645 | 76.1mm | 1  | 20   |



### 90 Degree Street Elbow

|          |      |    |      |
|----------|------|----|------|
| EFELS015 | 15mm | 25 | 1400 |
| EFELS022 | 22mm | 10 | 450  |
| EFELS028 | 28mm | 10 | 240  |
| EFELS035 | 35mm | 1  | 125  |
| EFELS042 | 42mm | 1  | 80   |
| EFELS054 | 54mm | 1  | 50   |



### Air Vent Cap

|         |      |    |     |
|---------|------|----|-----|
| EFAV015 | 15mm | 25 | 500 |
| EFAV022 | 22mm | 25 | 500 |



### Cylinder Union

|          |           |    |     |
|----------|-----------|----|-----|
| EFCU0221 | 22mm x 1" | 10 | 200 |
| EFCU0281 | 28mm x 1" | 10 | 200 |



### Straight Tap Connector

| Part Code   | Size        | Bag | Box |
|-------------|-------------|-----|-----|
| EFSTC0151/2 | 15mm x 1/2" | 10  | 800 |
| EFSTC0153/4 | 15mm x 3/4" | 10  | 600 |
| EFSTC0223/4 | 22mm x 3/4" | 10  | 400 |



### Bent Tap Connector

|             |             |    |     |
|-------------|-------------|----|-----|
| EFBTC0151/2 | 15mm x 1/2" | 10 | 900 |
| EFBTC0223/4 | 22mm x 3/4" | 10 | 300 |



### Part Cross Overs

|          |      |   |     |
|----------|------|---|-----|
| EFPC0015 | 15mm | 5 | 400 |
| EFPC0022 | 22mm | 5 | 150 |



### Full Cross Overs

|          |      |   |     |
|----------|------|---|-----|
| EFFC0015 | 15mm | 5 | 400 |
| EFFC0022 | 22mm | 5 | 150 |
| EFFC0028 | 28mm | 5 | 90  |



### End Cap

|         |        |    |      |
|---------|--------|----|------|
| EFEC008 | 8mm    | 10 | 2000 |
| EFEC010 | 10mm   | 10 | 2000 |
| EFEC015 | 15mm   | 25 | 1800 |
| EFEC022 | 22mm   | 10 | 1000 |
| EFEC028 | 28mm   | 10 | 500  |
| EFEC035 | 35mm   | 1  | 250  |
| EFEC042 | 42mm   | 1  | 200  |
| EFEC054 | 54mm   | 1  | 100  |
| EFEC067 | 66.7mm | 1  | 50   |
| EFEC076 | 76.1mm | 1  | 50   |
| EFEC108 | 108mm  | 1  | 10   |
| EFEC133 | 133mm  | 1  | 10   |
| EFEC159 | 159mm  | 1  | 10   |



### Equal Tee

|         |        |    |      |
|---------|--------|----|------|
| EFTE008 | 8mm    | 10 | 2000 |
| EFTE010 | 10mm   | 10 | 1600 |
| EFTE015 | 15mm   | 25 | 800  |
| EFTE022 | 22mm   | 10 | 300  |
| EFTE028 | 28mm   | 10 | 150  |
| EFTE035 | 35mm   | 1  | 80   |
| EFTE042 | 42mm   | 1  | 50   |
| EFTE054 | 54mm   | 1  | 25   |
| EFTE067 | 66.7mm | 1  | 15   |
| EFTE076 | 76.1mm | 1  | 10   |
| EFTE108 | 108mm  | 1  | 4    |
| EFTE133 | 133mm  | 1  | 2    |
| EFTE159 | 159mm  | 1  | 1    |
| EFTE219 | 219mm  | 1  | 1    |



### Reducing Tee

|             |                    |    |     |
|-------------|--------------------|----|-----|
| EFTE0151510 | 15mm x 15mm x 10mm | 10 | 500 |
| EFTE0151522 | 15mm x 15mm x 22mm | 10 | 500 |
| EFTE0221515 | 22mm x 15mm x 15mm | 10 | 400 |
| EFTE0221522 | 22mm x 15mm x 22mm | 10 | 300 |
| EFTE0222215 | 22mm x 22mm x 15mm | 10 | 300 |
| EFTE0222228 | 22mm x 22mm x 28mm | 10 | 100 |
| EFTE0281515 | 28mm x 15mm x 15mm | 10 | 200 |
| EFTE0281528 | 28mm x 15mm x 28mm | 10 | 150 |
| EFTE0282215 | 28mm x 22mm x 15mm | 10 | 150 |
| EFTE0282222 | 28mm x 22mm x 22mm | 10 | 150 |
| EFTE0282228 | 28mm x 22mm x 28mm | 10 | 150 |
| EFTE0282815 | 28mm x 28mm x 15mm | 10 | 150 |
| EFTE0282822 | 28mm x 28mm x 22mm | 10 | 150 |
| EFTE0282835 | 28mm x 28mm x 35mm | 10 | 80  |
| EFTE0352222 | 35mm x 22mm x 22mm | 1  | 125 |
| EFTE0352822 | 35mm x 28mm x 22mm | 1  | 100 |
| EFTE0352828 | 35mm x 28mm x 28mm | 1  | 80  |
| EFTE0351535 | 35mm x 15mm x 35mm | 1  | 100 |
| EFTE0352235 | 35mm x 22mm x 35mm | 1  | 100 |



| Part Code     | Size                     | Bag | Box |
|---------------|--------------------------|-----|-----|
| EFTE0353522   | 35mm x 35mm x 22mm       | 1   | 125 |
| EFTE0353515   | 35mm x 35mm x 15mm       | 1   | 125 |
| EFTE0353528   | 35mm x 35mm x 28mm       | 1   | 100 |
| EFTE0352835   | 35mm x 28mm x 35mm       | 1   | 80  |
| EFTE0421542   | 42mm x 15mm x 42mm       | 1   | 50  |
| EFTE0422828   | 42mm x 28mm x 28mm       | 1   | 80  |
| EFTE0422242   | 42mm x 22mm x 42mm       | 1   | 50  |
| EFTE0422842   | 42mm x 28mm x 42mm       | 1   | 50  |
| EFTE0423528   | 42mm x 35mm x 28mm       | 1   | 70  |
| EFTE0423535   | 42mm x 35mm x 35mm       | 1   | 50  |
| EFTE0423542   | 42mm x 35mm x 42mm       | 1   | 50  |
| EFTE0424215   | 42mm x 42mm x 15mm       | 1   | 80  |
| EFTE0424222   | 42mm x 42mm x 22mm       | 1   | 80  |
| EFTE0424228   | 42mm x 42mm x 28mm       | 1   | 60  |
| EFTE0424235   | 42mm x 42mm x 35mm       | 1   | 50  |
| EFTE0545415   | 54mm x 54mm x 15mm       | 1   | 50  |
| EFTE0545422   | 54mm x 54mm x 22mm       | 1   | 40  |
| EFTE0545428   | 54mm x 54mm x 28mm       | 1   | 40  |
| EFTE0545435   | 54mm x 54mm x 35mm       | 1   | 40  |
| EFTE0544242   | 54mm x 42mm x 42mm       | 1   | 35  |
| EFTE0544254   | 54mm x 42mm x 54mm       | 1   | 25  |
| EFTE0545442   | 54mm x 54mm x 42mm       | 1   | 40  |
| EFTE0676735   | 66.7mm x 66.7mm x 35mm   | 1   | 15  |
| EFTE0676742   | 66.7mm x 66.7mm x 42mm   | 1   | 15  |
| EFTE0676754   | 66.7mm x 66.7mm x 54mm   | 1   | 15  |
| EFTE0676728   | 66.7mm x 66.7mm x 28mm   | 1   | 25  |
| EFTE0767628   | 76.1mm x 76.1mm x 28mm   | 1   | 20  |
| EFTE0767635   | 76.1mm x 76.1mm x 35mm   | 1   | 15  |
| EFTE0767642   | 76.1mm x 76.1mm x 42mm   | 1   | 15  |
| EFTE0767654   | 76.1mm x 76.1mm x 54mm   | 1   | 10  |
| EFTE0767667   | 76.1mm x 76.1mm x 66.7mm | 1   | 10  |
| EFTE10810835  | 108mm x 108mm x 35mm     | 1   | 5   |
| EFTE10810842  | 108mm x 108mm x 42mm     | 1   | 5   |
| EFTE10810854  | 108mm x 108mm x 54mm     | 1   | 5   |
| EFTE10810867  | 108mm x 108mm x 66.7mm   | 1   | 5   |
| EFTE10810876  | 108mm x 108mm x 76.1mm   | 1   | 5   |
| EFTE15915976  | 159mm x 159mm x 76.1mm   | 1   | 2   |
| EFTE159159108 | 159mm x 159mm x 108mm    | 1   | 2   |
| EFTE159159133 | 159mm x 159mm x 133mm    | 1   | 1   |

### Male Adaptor



|               |                 |    |     |
|---------------|-----------------|----|-----|
| EFCOM10151/2  | 15mm x 1/2"     | 25 | 600 |
| EFCOM10151/4  | 15mm x 1/4"     | 3  | 600 |
| EFCOM10223/4  | 22mm x 3/4"     | 10 | 400 |
| EFCOM10281    | 28mm x 1"       | 10 | 300 |
| EFCOM103511/4 | 35mm x 1.1/4"   | 1  | 150 |
| EFCOM104211/2 | 42mm x 1.1/2"   | 1  | 150 |
| EFCOM10542    | 54mm x 2"       | 1  | 50  |
| EFCOM106721/2 | 66.7mm x 2.1/2" | 1  | 35  |
| EFCOM10763    | 76mm x 3"       | 1  | 25  |
| EFCOM11084    | 108mm x 4"      | 1  | 10  |

### Female Adaptor



|               |                 |    |     |
|---------------|-----------------|----|-----|
| EFCOFI0151/2  | 15mm x 1/2"     | 25 | 600 |
| EFCOFI0151/4  | 15mm x 1/4"     | 25 | 600 |
| EFCOFI0153/4  | 15mm x 3/4"     | 25 | 600 |
| EFCOFI0221/2  | 22mm x 1/2"     | 10 | 400 |
| EFCOFI0223/4  | 22mm x 3/4"     | 10 | 400 |
| EFCOFI0281    | 28mm x 1"       | 10 | 300 |
| EFCOFI0283/4  | 28mm x 3/4"     | 10 | 150 |
| EFCOFI03511/4 | 35mm x 1.1/4"   | 1  | 150 |
| EFCOFI04211/2 | 42mm x 1.1/2"   | 1  | 75  |
| EFCOFI0542    | 54mm x 2"       | 1  | 75  |
| EFCOFI06721/2 | 66.7mm x 2.1/2" | 1  | 50  |
| EFCOFI0763    | 76mm x 3"       | 1  | 25  |
| EFCOFI1084    | 108mm x 4"      | 1  | 10  |

### Male Elbow



|              |             |    |     |
|--------------|-------------|----|-----|
| EFELMI0151/2 | 15mm x 1/2" | 10 | 400 |
| EFELMI0223/4 | 22mm x 3/4" | 10 | 300 |
| EFELMI0281   | 28mm x 1"   | 10 | 200 |

### Female Elbow



|              |             |    |     |
|--------------|-------------|----|-----|
| EFELFI0151/2 | 15mm x 1/2" | 10 | 400 |
| EFELFI0223/4 | 22mm x 3/4" | 10 | 300 |
| EFELFI0221/2 | 22mm x 1/2" | 10 | 400 |
| EFELFI0281   | 28mm x 1"   | 10 | 150 |

### Gas Wall Plate



|              |             |    |     |
|--------------|-------------|----|-----|
| EFELWC0151/2 | 15mm x 1/2" | 10 | 200 |
|--------------|-------------|----|-----|

### Female Reducer Tee



|              |             |    |     |
|--------------|-------------|----|-----|
| EFELWL0151/2 | 15mm x 1/2" | 10 | 400 |
| EFELWL0223/4 | 22mm x 3/4" | 10 | 150 |

### Wallplate Elbow



|                |                    |    |     |
|----------------|--------------------|----|-----|
| EFTEFI015151/2 | 15mm x 15mm x 1/2" | 10 | 250 |
| EFTEFI022221/2 | 22mm x 22mm x 1/2" | 10 | 150 |
| EFTEFI022223/4 | 22mm x 22mm x 3/4" | 10 | 200 |
| EFTEFI028281/2 | 28mm x 28mm x 1/2" | 10 | 150 |
| EFTEFI028281   | 28mm x 28mm x 1"   | 10 | 100 |

### Male Union Adaptor



|              |               |    |     |
|--------------|---------------|----|-----|
| EFUNM0151/2  | 15mm x 1/2"   | 10 | 400 |
| EFUNM0223/4  | 22mm x 3/4"   | 10 | 200 |
| EFUNM0281    | 28mm x 1"     | 10 | 140 |
| EFUNM03511/4 | 35mm x 1.1/2" | 5  | 30  |
| EFUNM04211/2 | 42mm x 1.1/2" | 5  | 50  |
| EFUNM0542    | 54mm x 2"     | 5  | 25  |
| EFUNM06721/2 | 67mm x 2.1/2" | 1  | 25  |
| EFUNM0763    | 76mm x 3"     | 1  | 15  |



Solder Ring Fittings  
BS EN 1254-1

**LAWTON**  
SOLDER RING

**LAWTON**  
SOLDER RING

Coupling



| Part Code | Size | Bag | Box  |
|-----------|------|-----|------|
| SRCP008   | 8mm  | 50  | 3000 |
| SRCP010   | 10mm | 50  | 3000 |
| SRCP015   | 15mm | 50  | 1800 |
| SRCP022   | 22mm | 25  | 600  |
| SRCP028   | 28mm | 25  | 350  |
| SRCP035   | 35mm | 10  | 210  |
| SRCP042   | 42mm | 5   | 100  |
| SRCP054   | 54mm | 5   | 70   |

Reducing Coupler



|           |             |    |     |
|-----------|-------------|----|-----|
| SRCP02215 | 22mm x 15mm | 50 | 800 |
| SRCP02815 | 28mm x 15mm | 25 | 600 |
| SRCP02822 | 28mm x 22mm | 25 | 350 |
| SRCP04235 | 42mm x 35mm | 5  | 120 |

Slip Coupling



|         |      |    |      |
|---------|------|----|------|
| SRSC015 | 15mm | 50 | 1800 |
| SRSC022 | 22mm | 25 | 600  |
| SRSC028 | 28mm | 10 | 350  |

Straight Female Connector



|               |               |    |     |
|---------------|---------------|----|-----|
| SRCPMI0151/2  | 15mm x 1/2"   | 25 | 600 |
| SRCPMI0223/4  | 22mm x 3/4"   | 25 | 400 |
| SRCPMI0281    | 28mm x 1"     | 10 | 300 |
| SRCPMI03511/4 | 35mm x 1 1/4" | 5  | 150 |
| SRCPMI04211/2 | 42mm x 1 1/2" | 5  | 100 |
| SRCPMI0542    | 52mm x 2"     | 2  | 70  |

Straight Male Connector



|               |               |    |     |
|---------------|---------------|----|-----|
| SRCPMI0151/2  | 15mm x 1/2"   | 25 | 600 |
| SRCPMI0223/4  | 22mm x 3/4"   | 25 | 400 |
| SRCPMI0281    | 28mm x 1"     | 10 | 300 |
| SRCPMI03511/4 | 35mm x 1 1/4" | 5  | 150 |
| SRCPMI04211/2 | 42mm x 1 1/2" | 5  | 100 |
| SRCPMI0542    | 54mm x 2"     | 2  | 70  |

Fitting Reducer



|            |             |    |      |
|------------|-------------|----|------|
| SRRED0158  | 15mm x 8mm  | 25 | 1800 |
| SRRED01510 | 15mm x 10mm | 25 | 1800 |
| SRRED02215 | 22mm x 15mm | 25 | 900  |

| Part Code  | Size        | Bag | Box |
|------------|-------------|-----|-----|
| SRRED02815 | 28mm x 15mm | 25  | 500 |
| SRRED02822 | 28mm x 22mm | 25  | 500 |
| SRRED03515 | 35mm x 15mm | 25  | 400 |
| SRRED03522 | 35mm x 22mm | 25  | 300 |
| SRRED03528 | 35mm x 28mm | 15  | 210 |
| SRRED04215 | 42mm x 15mm | 10  | 250 |
| SRRED04222 | 42mm x 22mm | 10  | 200 |
| SRRED04228 | 42mm x 28mm | 10  | 200 |
| SRRED04235 | 42mm x 35mm | 10  | 140 |
| SRRED05415 | 54mm x 15mm | 5   | 120 |
| SRRED05422 | 54mm x 22mm | 5   | 120 |
| SRRED05428 | 54mm x 28mm | 5   | 100 |
| SRRED05435 | 54mm x 35mm | 5   | 100 |
| SRRED05442 | 54mm x 42mm | 5   | 100 |

90 Degree Elbow



|         |      |    |      |
|---------|------|----|------|
| SREL008 | 8mm  | 50 | 1800 |
| SREL010 | 10mm | 50 | 1800 |
| SREL015 | 15mm | 50 | 1200 |
| SREL022 | 22mm | 25 | 400  |
| SREL028 | 28mm | 20 | 200  |
| SREL035 | 35mm | 10 | 120  |
| SREL042 | 42mm | 5  | 70   |
| SREL054 | 54mm | 2  | 36   |

45 Degree Elbow



|           |      |    |      |
|-----------|------|----|------|
| SREL01545 | 15mm | 50 | 1400 |
| SREL02245 | 22mm | 25 | 450  |
| SREL02845 | 28mm | 20 | 220  |
| SREL03545 | 35mm | 10 | 140  |
| SREL04245 | 42mm | 5  | 80   |
| SREL05445 | 54mm | 2  | 40   |

Wallplate Elbow



|             |             |    |     |
|-------------|-------------|----|-----|
| SRELB0151/2 | 15mm x 1/2" | 25 | 400 |
|-------------|-------------|----|-----|

Male Elbow



|              |             |    |     |
|--------------|-------------|----|-----|
| SRELMI0151/2 | 15mm x 1/2" | 25 | 400 |
|--------------|-------------|----|-----|



90 Degree Street Elbow



| Part Code | Size | Bag | Box  |
|-----------|------|-----|------|
| SRELS015  | 15mm | 25  | 1200 |
| SRELS022  | 22mm | 25  | 400  |
| SRELS028  | 28mm | 10  | 200  |

End Cap



| Part Code | Size | Bag | Box  |
|-----------|------|-----|------|
| SREC015   | 15mm | 50  | 2200 |
| SREC022   | 22mm | 50  | 1000 |
| SREC028   | 28mm | 25  | 500  |
| SREC035   | 35mm | 10  | 250  |
| SREC042   | 42mm | 5   | 150  |
| SREC054   | 54mm | 2   | 120  |

Straight Tap Connector



| Part Code   | Size        | Bag | Box |
|-------------|-------------|-----|-----|
| SRSTC0151/2 | 15mm x 1/2" | 25  | 300 |
| SRSTC0153/4 | 15mm x 3/4" | 25  | 300 |
| SRSTC0223/4 | 22mm x 3/4" | 25  | 200 |

Bent Tap Connector



| Part Code   | Size        | Bag | Box |
|-------------|-------------|-----|-----|
| SRBTC0151/2 | 15mm x 1/2" | 25  | 300 |
| SRBTC0223/4 | 22mm x 3/4" | 25  | 200 |

Equal Tee



| Part Code | Size | Bag | Box |
|-----------|------|-----|-----|
| SRTE015   | 15mm | 25  | 600 |
| SRTE022   | 22mm | 20  | 240 |
| SRTE028   | 28mm | 10  | 120 |
| SRTE035   | 35mm | 5   | 60  |
| SRTE042   | 42mm | 5   | 50  |
| SRTE054   | 54mm | 2   | 24  |

Reducing Tee



| Part Code   | Size               | Bag | Box |
|-------------|--------------------|-----|-----|
| SRTE0151522 | 15mm x 15mm x 22mm | 20  | 400 |
| SRTE0221515 | 22mm x 15mm x 15mm | 20  | 320 |
| SRTE0221522 | 22mm x 15mm x 22mm | 20  | 320 |
| SRTE0222215 | 22mm x 22mm x 15mm | 20  | 400 |
| SRTE0281528 | 28mm x 15mm x 28mm | 10  | 150 |
| SRTE0282215 | 28mm x 22mm x 15mm | 10  | 200 |
| SRTE0282222 | 28mm x 22mm x 22mm | 10  | 200 |
| SRTE0282228 | 28mm x 22mm x 28mm | 10  | 150 |
| SRTE0282815 | 28mm x 28mm x 15mm | 10  | 160 |
| SRTE0282822 | 28mm x 28mm x 22mm | 10  | 200 |
| SRTE0353515 | 35mm x 35mm x 15mm | 5   | 100 |
| SRTE0353522 | 35mm x 35mm x 22mm | 5   | 95  |
| SRTE0353528 | 35mm x 35mm x 28mm | 5   | 95  |
| SRTE0424215 | 42mm x 42mm x 15mm | 5   | 80  |
| SRTE0424222 | 42mm x 42mm x 22mm | 5   | 80  |
| SRTE0424228 | 42mm x 42mm x 28mm | 5   | 65  |
| SRTE0424235 | 42mm x 42mm x 35mm | 3   | 45  |
| SRTE0545415 | 54mm x 54mm x 15mm | 3   | 45  |
| SRTE0545422 | 54mm x 54mm x 28mm | 3   | 45  |
| SRTE0545428 | 54mm x 54mm x 28mm | 3   | 45  |
| SRTE0545435 | 54mm x 54mm x 35mm | 3   | 30  |
| SRTE0545442 | 54mm x 54mm x 42mm | 3   | 30  |

Female Branch Reducing Tee



| Part Code      | Size               | Bag | Box |
|----------------|--------------------|-----|-----|
| SRTEFI015151/2 | 15mm x 15mm x 1/2" | 25  | 400 |
| SRTEFI022221/2 | 22mm x 22mm x 1/2" | 10  | 250 |
| SRTEFI028281/2 | 28mm x 28mm x 1/2" | 10  | 120 |



**Compression fittings  
BS EN 1254-2**



**Straight Coupling**



| Part Code | Size | Bag | Box |
|-----------|------|-----|-----|
| COMCP008  | 8mm  | 20  | 600 |
| COMCP010  | 10mm | 20  | 500 |
| COMCP015  | 15mm | 10  | 300 |
| COMCP022  | 22mm | 10  | 150 |
| COMCP028  | 28mm | 10  | 90  |
| COMCP035  | 35mm | 5   | 50  |
| COMCP042  | 42mm | 2   | 36  |
| COMCP054  | 54mm | 1   | 24  |

**Straight Coupling - Chrome**



|            |      |    |     |
|------------|------|----|-----|
| COMCP015CP | 15mm | 10 | 300 |
| COMCP022CP | 22mm | 10 | 150 |
| COMCP035CP | 35mm | 5  | 50  |
| COMCP042CP | 42mm | 2  | 36  |

**Male Coupling**



|                |               |    |     |
|----------------|---------------|----|-----|
| COMCPMI0081/4  | 8mm x 1/4"    | 20 | 800 |
| COMCPMI0101/4  | 10mm x 1/4"   | 20 | 800 |
| COMCPMI0103/8  | 10mm x 3/8"   | 20 | 600 |
| COMCPMI0151/2  | 15mm x 1/2"   | 10 | 300 |
| COMCPMI0151/4  | 15mm x 1/4"   | 10 | 300 |
| COMCPMI0153/4  | 15mm x 3/4"   | 10 | 200 |
| COMCPMI0153/8  | 15mm x 3/8"   | 10 | 300 |
| COMCPMI0221/2  | 22mm x 1/2"   | 10 | 200 |
| COMCPMI0223/4  | 22mm x 3/4"   | 10 | 160 |
| COMCPMI0221    | 22mm x 1"     | 10 | 150 |
| COMCPMI0281    | 28mm x 1"     | 10 | 110 |
| COMCPMI03511/4 | 35mm x 1 1/4" | 5  | 50  |
| COMCPMI04211/2 | 42mm x 1 1/2" | 2  | 36  |
| COMCPMI0542    | 54mm x 2"     | 1  | 24  |

**Male Coupling - Chrome**



|                 |             |    |     |
|-----------------|-------------|----|-----|
| COMCPMI0151/2CP | 15mm x 1/2" | 10 | 300 |
| COMCPMI0223/4CP | 22mm x 3/4" | 10 | 150 |



**Female Coupling**



| Part Code      | Size          | Bag | Box |
|----------------|---------------|-----|-----|
| COMCPFI0101/4  | 10mm x 1/4"   | 20  | 500 |
| COMCPFI0151/2  | 15mm x 1/2"   | 10  | 300 |
| COMCPFI0151/4  | 15mm x 1/4"   | 10  | 350 |
| COMCPFI0153/4  | 15mm x 3/4"   | 10  | 250 |
| COMCPFI0221    | 22mm x 1"     | 10  | 150 |
| COMCPFI0221/2  | 22mm x 1/2"   | 10  | 200 |
| COMCPFI0223/4  | 22mm x 3/4"   | 10  | 150 |
| COMCPFI0281    | 28mm x 1"     | 10  | 100 |
| COMCPFI03511/4 | 35mm x 1 1/4" | 5   | 50  |
| COMCPFI04211/2 | 42mm x 1 1/2" | 2   | 40  |
| COMCPFI0542    | 54mm x 2"     | 1   | 20  |

**Female Coupling - Chrome**



|                 |             |    |     |
|-----------------|-------------|----|-----|
| COMCPFI0151/2CP | 15mm x 1/2" | 10 | 300 |
| COMCPFI0223/4CP | 22mm x 3/4" | 10 | 160 |

**Reducing Coupling**



|            |             |    |     |
|------------|-------------|----|-----|
| COMCP01008 | 10mm x 8mm  | 20 | 500 |
| COMCP01508 | 15mm x 8mm  | 10 | 300 |
| COMCP01510 | 15mm x 10mm | 10 | 300 |
| COMCP01512 | 15mm x 12mm | 10 | 300 |
| COMCP02215 | 22mm x 15mm | 10 | 200 |
| COMCP02815 | 28mm x 15mm | 10 | 120 |
| COMCP02822 | 28mm x 22mm | 10 | 120 |
| COMCP03522 | 35mm x 22mm | 5  | 60  |
| COMCP03528 | 35mm x 28mm | 5  | 60  |



Repair Coupling



| Part Code | Size | Bag | Box |
|-----------|------|-----|-----|
| COMRCP015 | 15mm | 10  | 120 |
| COMRCP022 | 22mm | 10  | 60  |

90 Elbow



|          |      |    |     |
|----------|------|----|-----|
| COMEL008 | 8mm  | 20 | 500 |
| COMEL010 | 10mm | 20 | 400 |
| COMEL015 | 15mm | 10 | 250 |
| COMEL022 | 22mm | 10 | 120 |
| COMEL028 | 28mm | 10 | 70  |
| COMEL035 | 35mm | 5  | 30  |
| COMEL042 | 42mm | 2  | 20  |

90 Elbow - Chrome



|            |      |    |     |
|------------|------|----|-----|
| COMEL015CP | 15mm | 10 | 250 |
| COMEL022CP | 22mm | 10 | 120 |
| COMEL035CP | 35mm | 5  | 30  |
| COMEL042CP | 42mm | 2  | 20  |

Male Elbow



|                |               |    |     |
|----------------|---------------|----|-----|
| COMELMI0151/2  | 15mm x 1/2"   | 10 | 250 |
| COMELMI0153/4  | 15mm x 3/4"   | 10 | 150 |
| COMELMI0223/4  | 22mm x 3/4"   | 10 | 120 |
| COMELMI0281    | 28mm x 1"     | 10 | 50  |
| COMELMI03511/4 | 35mm x 1 1/4" | 5  | 30  |

Male Elbow - Chrome



|                 |             |    |     |
|-----------------|-------------|----|-----|
| COMELMI0151/2CP | 15mm x 1/2" | 10 | 250 |
| COMELMI0223/4CP | 22mm x 3/4" | 10 | 120 |

Female Elbow



|                |               |    |     |
|----------------|---------------|----|-----|
| COMELFI0151/2  | 15mm x 1/2"   | 10 | 250 |
| COMELFI0153/4  | 15mm x 3/4"   | 10 | 250 |
| COMELFI0221    | 22mm x 1"     | 10 | 70  |
| COMELFI0221/2  | 22mm x 1/2"   | 10 | 120 |
| COMELFI0223/4  | 22mm x 3/4"   | 10 | 100 |
| COMELFI0281    | 28mm x 1"     | 10 | 70  |
| COMELFI03511/4 | 35mm x 1 1/4" | 5  | 30  |
| COMELFI04211/2 | 42mm x 1 1/2" | 2  | 20  |
| COMELFI0542    | 54mm x 2"     | 1  | 18  |

Female Elbow - Chrome



| Part Code       | Size        | Bag | Box |
|-----------------|-------------|-----|-----|
| COMELFI0151/2CP | 15mm x 1/2" | 10  | 250 |
| COMELFI0223/4CP | 22mm x 3/4" | 10  | 100 |
| COMELFI0221CP   | 22mm x 1"   | 10  | 70  |

Reducing Elbow



|             |             |    |     |
|-------------|-------------|----|-----|
| COMREL02215 | 22mm x 15mm | 10 | 140 |
|-------------|-------------|----|-----|

Wallplate Elbow



|               |             |    |     |
|---------------|-------------|----|-----|
| COMELWL0151/2 | 15mm x 1/2" | 10 | 120 |
| COMELWL0223/4 | 22mm x 3/4" | 10 | 80  |

Wallplate Elbow - Chrome



|                 |             |    |     |
|-----------------|-------------|----|-----|
| COMELWL0151/2CP | 15mm x 1/2" | 10 | 120 |
|-----------------|-------------|----|-----|

45° Elbow



|            |      |    |     |
|------------|------|----|-----|
| COMEL01545 | 15mm | 10 | 200 |
| COMEL02245 | 22mm | 10 | 100 |
| COMEL02845 | 28mm | 10 | 60  |

Equal Tee



| Part Code | Size | Bag | Box |
|-----------|------|-----|-----|
| COMTE008  | 8mm  | 20  | 300 |
| COMTE010  | 10mm | 20  | 300 |
| COMTE015  | 15mm | 10  | 150 |
| COMTE022  | 22mm | 10  | 80  |
| COMTE028  | 28mm | 10  | 50  |
| COMTE035  | 35mm | 5   | 20  |
| COMTE042  | 42mm | 2   | 16  |
| COMTE054  | 54mm | 1   | 8   |

Equal Tee - Chrome



|            |      |    |     |
|------------|------|----|-----|
| COMTE015CP | 15mm | 10 | 150 |
| COMTE022CP | 22mm | 10 | 80  |
| COMTE028CP | 28mm | 10 | 50  |
| COMTE042CP | 42mm | 2  | 16  |

Reducing Tee



|              |                    |    |     |
|--------------|--------------------|----|-----|
| COMTE0151522 | 15mm x 15mm x 22mm | 10 | 100 |
| COMTE0221515 | 22mm x 15mm x 15mm | 10 | 100 |
| COMTE0221522 | 22mm x 15mm x 22mm | 10 | 80  |
| COMTE0222215 | 22mm x 22mm x 15mm | 10 | 80  |
| COMTE0281528 | 28mm x 15mm x 28mm | 10 | 50  |
| COMTE0282228 | 28mm x 22mm x 28mm | 10 | 50  |
| COMTE0282815 | 28mm x 28mm x 15mm | 10 | 50  |
| COMTE0282822 | 28mm x 28mm x 22mm | 10 | 50  |

Reducing Tee - Chrome



|                |                    |    |     |
|----------------|--------------------|----|-----|
| COMTE0151522CP | 15mm x 15mm x 22mm | 10 | 100 |
| COMTE0221515CP | 22mm x 15mm x 15mm | 10 | 100 |
| COMTE0222215CP | 22mm x 22mm x 15mm | 10 | 80  |
| COMTE0222228CP | 22mm x 22mm x 28mm | 10 | 50  |

Female Tee



|                 |                    |    |     |
|-----------------|--------------------|----|-----|
| COMTEFI015151/2 | 15mm x 15mm x 1/2" | 10 | 140 |
| COMTEFI022221/2 | 22mm x 22mm x 1/2" | 10 | 80  |
| COMTEFI022223/4 | 22mm x 22mm x 3/4" | 10 | 80  |
| COMTEFI028281   | 28mm x 28mm x 1"   | 10 | 50  |

End Cap



| Part Code | Size | Bag | Box  |
|-----------|------|-----|------|
| COMEC008  | 8mm  | 20  | 1000 |
| COMEC010  | 10mm | 20  | 1000 |
| COMEC015  | 15mm | 10  | 500  |
| COMEC022  | 22mm | 10  | 300  |
| COMEC028  | 28mm | 10  | 150  |
| COMEC035  | 35mm | 5   | 80   |
| COMEC042  | 42mm | 2   | 70   |
| COMEC054  | 54mm | 1   | 40   |

End Cap - Chrome



|            |      |    |     |
|------------|------|----|-----|
| COMEC015CP | 15mm | 10 | 500 |
| COMEC022CP | 22mm | 10 | 300 |
| COMEC042CP | 42mm | 10 | TBC |

Taper Thread Coupling Male Iron Coupling



|                  |             |    |     |
|------------------|-------------|----|-----|
| COMTTCPMI0151/2  | 15mm x 1/2" | 10 | 300 |
| COMETTCPMI0223/4 | 22mm x 3/4" | 10 | 160 |
| COMTTCPMI0281    | 28mm x 1"   | 10 | 110 |

Compression Nut



|           |      |    |     |
|-----------|------|----|-----|
| COMNUT010 | 10mm | 10 | 100 |
| COMNUT015 | 15mm | 10 | 100 |
| COMNUT028 | 28mm | 10 | 100 |
| COMNUT035 | 35mm | 10 | 100 |
| COMNUT042 | 42mm | 10 | 100 |
| COMNUT054 | 54mm | 10 | 100 |
| COMCR015  | 15mm | 10 | 100 |

# LAWTON

COMPRESSION

## Crossover Tee



| Part Code | Size | Bag | Box |
|-----------|------|-----|-----|
| COMCR022  | 22mm | 10  | 60  |
| COMCR028  | 28mm | 10  | 30  |

## Tank Connector



|          |      |    |     |
|----------|------|----|-----|
| COMTC015 | 15mm | 10 | 140 |
| COMTC022 | 22mm | 10 | 120 |
| COMTC028 | 28mm | 10 | 80  |
| COMTC035 | 35mm | 10 | 40  |
| COMTC042 | 42mm | 10 | 20  |
| COMTC054 | 54mm | 10 | 20  |

## Straight Tap Connector



|              |             |    |     |
|--------------|-------------|----|-----|
| COMSTC0151/2 | 15mm x 1/2" | 10 | 250 |
| COMSTC0153/4 | 15mm x 3/4" | 10 | 250 |

## Bent Tap Connector



|              |             |    |     |
|--------------|-------------|----|-----|
| COMBTC0151/2 | 15mm x 1/2" | 10 | TBC |
|--------------|-------------|----|-----|

# LAWTON

COMPRESSION

## Reducing Sets



| Part Code  | Size        | Bag | Box  |
|------------|-------------|-----|------|
| COMRS0108  | 10mm x 8mm  | 20  | 1000 |
| COMRS0158  | 15mm x 8mm  | 20  | 1000 |
| COMRS01510 | 15mm x 10mm | 20  | 1000 |
| COMRS02215 | 22mm x 15mm | 10  | 500  |
| COMRS02822 | 28mm x 22mm | 10  | 350  |
| COMRS03515 | 35mm x 15mm | 5   | 150  |
| COMRS03522 | 35mm x 22mm | 5   | 200  |
| COMRS03528 | 35mm x 28mm | 5   | 250  |
| COMRS04215 | 42mm x 15mm | 5   | 100  |
| COMRS04222 | 42mm x 22mm | 5   | 100  |
| COMRS04228 | 42mm x 28mm | 5   | 100  |
| COMRS04235 | 42mm x 35mm | 5   | 100  |
| COMRS05422 | 54mm x 22mm | 5   | 250  |
| COMRS05428 | 54mm x 28mm | 5   | 250  |
| COMRS05435 | 54mm x 35mm | 5   | 250  |
| COMRS05442 | 54mm x 42mm | 5   | 80   |

## Blanking Discs



|          |      |    |     |
|----------|------|----|-----|
| COMBD015 | 15mm | 10 | 700 |
| COMBD022 | 22mm | 10 | 500 |
| COMBD028 | 28mm | 10 | 300 |





### Copper Olives

**LAWTON**  
COMPRESSION

| Part Code | Size | Bag | Box   |
|-----------|------|-----|-------|
| COMOC008  | 8mm  | 400 | 10000 |
| COMOC010  | 10mm | 400 | 8000  |
| COMOC015  | 15mm | 250 | 4000  |
| COMOC022  | 22mm | 100 | 2000  |
| COMOC028  | 28mm | 50  | 1000  |
| COMOC035  | 35mm | 50  | 500   |
| COMOC042  | 42mm | 50  | 250   |
| COMOC054  | 54mm | 25  | 200   |
| COMOC03/4 | 3/4" | 100 | 2000  |



### Brass Olives

|           |      |     |       |
|-----------|------|-----|-------|
| COMOB008  | 8mm  | 400 | 10000 |
| COMOB010  | 10mm | 400 | 8000  |
| COMOB015  | 15mm | 250 | 4000  |
| COMOB022  | 22mm | 100 | 2000  |
| COMOB028  | 28mm | 50  | 1000  |
| COMOB035  | 35mm | 50  | 500   |
| COMOB042  | 42mm | 50  | 250   |
| COMOB054  | 54mm | 25  | 200   |
| COMOB03/4 | 3/4" | 100 | 2000  |





## Pipe Fixings

**LAWTON**  
ACCESSORIES

### Pressed Screw On Bracket



| Part Code | Size | Bag | Box |
|-----------|------|-----|-----|
| MUNBRP015 | 15mm | 100 | 800 |
| MUNBRP022 | 22mm | 100 | 500 |
| MUNBRP028 | 28mm | 50  | 300 |
| MUNBRP035 | 35mm | 50  | 250 |
| MUNBRP042 | 42mm | 25  | 150 |
| MUNBRP054 | 54mm | 10  | 100 |

### Chrome Pressed Screw On Bracket



|            |      |     |     |
|------------|------|-----|-----|
| MUNBRPC015 | 15mm | 100 | 800 |
| MUNBRPC022 | 22mm | 100 | 500 |
| MUNBRPC028 | 28mm | 50  | 300 |
| MUNBRPC035 | 35mm | 50  | 250 |
| MUNBRPC042 | 42mm | 25  | 150 |
| MUNBRPC054 | 54mm | 10  | 200 |

### Cast Screw On Bracket



|            |      |     |     |
|------------|------|-----|-----|
| MUNBRCC015 | 15mm | 100 | 800 |
| MUNBRCC022 | 22mm | 50  | 450 |
| MUNBRCC028 | 28mm | 25  | 300 |
| MUNBRCC035 | 35mm | 25  | 250 |
| MUNBRCC042 | 42mm | 25  | 150 |
| MUNBRCC054 | 54mm | 25  | 100 |
| MUNBRCC067 | 67mm | 10  | 50  |
| MUNBRCC076 | 76mm | 10  | 40  |

### Chrome Cast Screw On Bracket



|            |      |     |     |
|------------|------|-----|-----|
| MUNBRCC015 | 15mm | 100 | 800 |
| MUNBRCC022 | 22mm | 50  | 450 |
| MUNBRCC028 | 28mm | 25  | 300 |
| MUNBRCC035 | 35mm | 25  | 250 |
| MUNBRCC042 | 42mm | 25  | 150 |
| MUNBRCC054 | 54mm | 25  | 100 |

### Single Munsen Ring - M10



|            |       |     |      |
|------------|-------|-----|------|
| MUN012-M10 | 12mm  | 100 | 1000 |
| MUN015-M10 | 15mm  | 100 | 900  |
| MUN022-M10 | 22mm  | 50  | 700  |
| MUN028-M10 | 28mm  | 50  | 450  |
| MUN035-M10 | 35mm  | 50  | 300  |
| MUN042-M10 | 42mm  | 25  | 250  |
| MUN054-M10 | 54mm  | 25  | 150  |
| MUN067-M10 | 67mm  | 10  | 110  |
| MUN076-M10 | 76mm  | 10  | 80   |
| MUN108-M10 | 108mm | 5   | 50   |
| MUN133-M10 | 133mm | 5   | 20   |
| MUN159-M10 | 159mm | 3   | 15   |
| MUN015-1/4 | 15mm  | 100 | 900  |

### Single Munsen Ring - 1/4"



| Part Code  | Size | Bag | Box |
|------------|------|-----|-----|
| MUN022-1/4 | 22mm | 50  | 600 |
| MUN028-1/4 | 28mm | 50  | 400 |
| MUN035-1/4 | 35mm | 25  | 300 |
| MUN042-1/4 | 42mm | 25  | 250 |

### Single Munsen Ring - 1/8"



|            |      |     |     |
|------------|------|-----|-----|
| MUN015-1/8 | 15mm | 100 | 900 |
| MUN022-1/8 | 22mm | 50  | 700 |
| MUN054-3/8 | 54mm | 25  | 100 |
| MUN067-3/8 | 67mm | 10  | 100 |

### Chrome Single Munsen Ring



|             |      |     |     |
|-------------|------|-----|-----|
| MUNC015-M10 | 15mm | 10  | 900 |
| MUNC022-M10 | 22mm | 50  | 700 |
| MUNC028-M10 | 28mm | 10  | 450 |
| MUNC035-M10 | 35mm | 100 | 300 |
| MUNC042-M10 | 42mm | 25  | 250 |
| MUNC054-M10 | 54mm | 25  | 150 |

### Double Munsen Ring



|             |       |     |     |
|-------------|-------|-----|-----|
| MUND015-M10 | 15mm  | 50  | 800 |
| MUND022-M10 | 22mm  | 100 | 600 |
| MUND028-M10 | 28mm  | 25  | 400 |
| MUND035-M10 | 35mm  | 25  | 200 |
| MUND042-M10 | 42mm  | 50  | 150 |
| MUND054-M10 | 54mm  | 100 | 100 |
| MUND067-M10 | 67mm  | 100 | 260 |
| MUND076-M10 | 76mm  | 3   | 50  |
| MUND108-M10 | 108mm | 10  | 25  |

### Double Tapped BSP



|             |      |     |     |
|-------------|------|-----|-----|
| MUND015-1/4 | 15mm | 100 | 600 |
| MUND022-1/4 | 22mm | 50  | 400 |
| MUND028-1/4 | 28mm | 50  | 300 |
| MUND035-1/4 | 35mm | 25  | 200 |
| MUND042-1/4 | 42mm | 25  | 150 |
| MUND054-1/4 | 54mm | 25  | 100 |

### Chrome Double Tapped BSP



|               |      |     |     |
|---------------|------|-----|-----|
| MUNDC015-1/4  | 15mm | 100 | 600 |
| MUNDC022-1/4  | 22mm | 50  | 400 |
| MUNDTC015-1/4 | 15mm | 50  | 450 |
| MUNDTC022-1/4 | 22mm | 50  | 400 |



## LAWTON

### Chrome Dual Tapped BSP



| Part Code    | Size | Bag | Box |
|--------------|------|-----|-----|
| MUNDT028-1/4 | 28mm | 25  | 300 |
| MUNDT035-1/4 | 35mm | 25  | 250 |

### Hospital Bracket



|         |      |    |     |
|---------|------|----|-----|
| MUNS015 | 15mm | 50 | 400 |
| MUNS022 | 22mm | 50 | 300 |
| MUNS028 | 28mm | 25 | 200 |
| MUNS035 | 35mm | 25 | 150 |
| MUNS042 | 42mm | 25 | 100 |
| MUNS054 | 54mm | 25 | 50  |

### Hospital Bracket - Chrome



|          |      |    |     |
|----------|------|----|-----|
| MUNSC015 | 15mm | 50 | 400 |
| MUNSC022 | 22mm | 50 | 300 |
| MUNSC028 | 28mm | 25 | 200 |

### Copper Saddle Bracket



|         |      |     |      |
|---------|------|-----|------|
| EFSB015 | 15mm | 100 | 1200 |
| EFSB022 | 22mm | 100 | 600  |
| EFSB028 | 28mm | 100 | TBC  |

### Two Piece Saddle Band



|           |      |     |      |
|-----------|------|-----|------|
| EFSB2P022 | 22mm | 100 | 1000 |
|-----------|------|-----|------|

### Two Piece Saddle Band - Chrome



|            |      |     |      |
|------------|------|-----|------|
| EFSB2PC015 | 15mm | 100 | 1000 |
|------------|------|-----|------|

### Female Backplate BSP



|              |      |     |      |
|--------------|------|-----|------|
| MUNBF010-M10 | 10mm | 100 | 1500 |
| MUNBF010-1/8 | 10mm | 50  | 1500 |
| MUNBF010-1/4 | 10mm | 50  | 1000 |

### Female Backplate BSP - Chrome plated

|               |      |     |      |
|---------------|------|-----|------|
| MUNBFC010-M10 | 10mm | 100 | 1500 |
| MUNBM010-M10  | 10mm | 100 | 1000 |
| MUNBM010-1/8  | 10mm | 50  | 1000 |
| MUNBM010-1/4  | 10mm | 50  | 500  |

## LAWTON

### Male Backplate



| Part Code | Size | Bag | Box |
|-----------|------|-----|-----|
|-----------|------|-----|-----|

### Male Backplate - Chrome plated

|               |      |     |      |
|---------------|------|-----|------|
| MUNBMC010-M10 | 10mm | 100 | 1000 |
|---------------|------|-----|------|

### Rapid Fix - M10



|              |      |     |     |
|--------------|------|-----|-----|
| MUNRF015-M10 | 15mm | 100 | 900 |
| MUNRF022-M10 | 22mm | 100 | 700 |
| MUNRF028-M10 | 28mm | 100 | 450 |

### Soldering and Brazing Solutions Silver Solder (Brazing Rod)



| Product Code    | Size                    | %   | Type        |
|-----------------|-------------------------|-----|-------------|
| SOL-ZERO        | 1.27mm X 3.18mm X 508mm | 0   | Round       |
| SOL-S2.0AG0.2   | 2.0mm X 500mm           | 0.2 | Square      |
| SOL-S1.5AG5     | 1.5mm X 500mm           | 5   | Round       |
| SOL-S1.5AG45    | 1.5mm X 500mm           | 45  | Round       |
| SOL-S1.5AG40FC  | 1.5mm X 500mm           | 40  | Flux Coated |
| SOL-S1.5AG40    | 1.5mm X 500mm           | 40  | Round       |
| SOL-S1.5AG55    | 1.5mm X 500mm           | 55  | Round       |
| SOL-S2.0AG2     | 2.0mm X 500mm           | 5   | Round       |
| SOL-S2.0AG5     | 2.0mm X 500mm           | 2   | Round       |
| SOL-S2.5AG6     | 2.5mm X 500mm           | 6   | Round       |
| SOL-S2.5AG5     | 2.5mm X 500mm           | 5   | Round       |
| SOL-S2.5AG15    | 2.5mm X 500mm           | 15  | Round       |
| SOL-S2.5AG45    | 2.5mm X 500mm           | 45  | Round       |
| SOL-S2.5AG15(6) | 2.5mm X 600mm           | 15  | Round       |
| SOL-S3.0AG2     | 3.0mm X 500mm           | 2   | Round       |
| SOL-S3.0AG5     | 3.0mm X 500mm           | 5   | Round       |

### Solder Reels - Soft Soldering



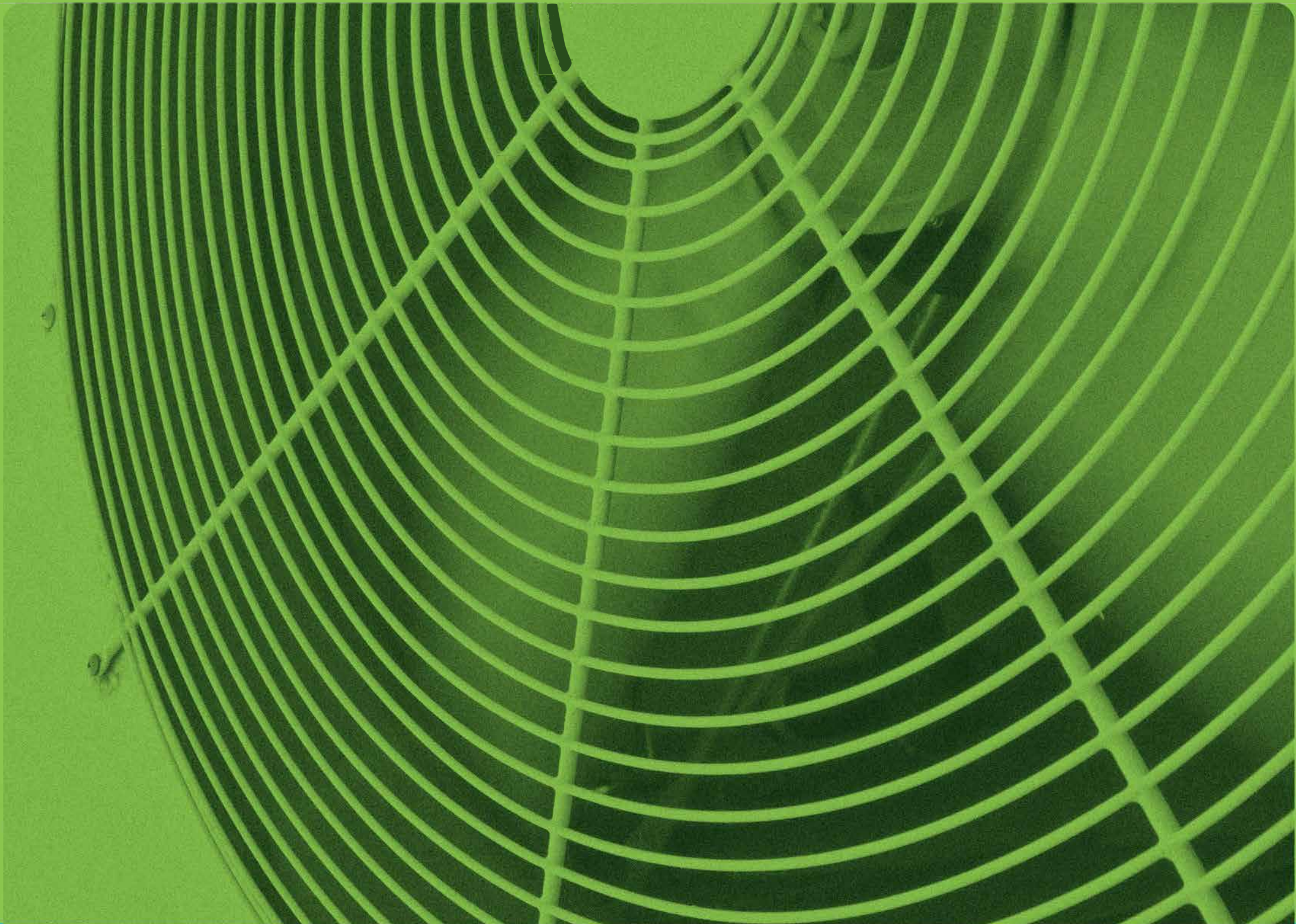
| Product Code | Size                 | % | Type   |
|--------------|----------------------|---|--------|
| SOL-LF3.0    | 3.0mm 500G Lead-Free |   | Box 20 |
| SOL-L3.0     | 3.0mm 500G Leaded    |   | Box 20 |

### Flux for Soft Soldering



| Product Code | Size                        | % | Type   |
|--------------|-----------------------------|---|--------|
| SOL-FLF113   | Flux 113G (4 Oz) With Brush |   | Box 90 |
| SOL-FLF453   | Flux 453G (16 Oz)           |   | Box 12 |





Lawton's ACR product range includes:

- Straight lengths
- Coils
- MaxiPro
- Lawton K65
- Pre-Insulated Coil
- Fittings
- Brazing rods

Demand Lawton's copper for:

- Air conditioning and refrigeration installations
- CO<sub>2</sub> supermarket refrigeration
- Commercial and domestic applications
- Bespoke OEM applications
- General engineering applications

Lawton's ACR products were used in many prestigious projects including:

- UK Olympic Stadium and Village
- All major UK supermarkets
- Harrods of London
- The Shard
- Red Bull F1 HQ

Whether you're talking about Lawton business or Lawton product, Lawton's Copper Tubes offer:

- Strength
- Quality
- Reliability

The ACR industry is a demanding one, so demand Lawton Tubes





Copper Straight Tube EN 12735-1



| Size OD<br>(inches) | Temper | Wall<br>(inches) | Gauge<br>(SWG) | Available in Lengths<br>(per bundle) |    |
|---------------------|--------|------------------|----------------|--------------------------------------|----|
|                     |        |                  |                | 3m                                   | 6m |
| 3/8"                | R250   | 0.032            | 21             | 20                                   | 20 |
| 1/2"                | R250   | 0.036            | 20             | 20                                   | 20 |
|                     | R250   | 0.048            | 18             | -                                    | 1  |
| 5/8"                | R250   | 0.036            | 20             | 10                                   | 10 |
|                     | R250   | 0.040            | 19             | 1                                    | 1  |
|                     | R250   | 0.048            | 18             | -                                    | 1  |
| 3/4"                | R250   | 0.036            | 20             | -                                    | 1  |
|                     | R250   | 0.040            | 19             | 10                                   | 10 |
|                     | R250   | 0.048            | 18             | 10                                   | 10 |
|                     | R250   | 0.064            | 16             | -                                    | 1  |
| 7/8"                | R250   | 0.040            | 19             | -                                    | 1  |
|                     | R250   | 0.048            | 18             | 10                                   | 10 |
|                     | R250   | 0.064            | 16             | 1                                    | 1  |
|                     | R250   | 0.104            | 12             | -                                    | 1  |
| 1.1/8"              | R250   | 0.040            | 19             | -                                    | 1  |
|                     | R250   | 0.048            | 18             | 5                                    | 5  |
|                     | R250   | 0.064            | 16             | 1                                    | 1  |
| 1.3/8"              | R250   | 0.080            | 14             | 1                                    | 1  |
|                     | R250   | 0.048            | 18             | 1                                    | 1  |
|                     | R250   | 0.064            | 16             | 1                                    | 1  |
| 1.5/8"              | R250   | 0.080            | 14             | 1                                    | 1  |
|                     | R250   | 0.104            | 12             | -                                    | 1  |
|                     | R250   | 0.116            | 11             | -                                    | 1  |
|                     | R250   | 0.048            | 18             | 1                                    | 1  |
| 2.1/8"              | R250   | 0.064            | 16             | 1                                    | 1  |
|                     | R250   | 0.080            | 14             | 1                                    | 1  |
|                     | R250   | 0.104            | 12             | -                                    | 1  |
| 2.5/8"              | R290   | 0.048            | 18             | 1                                    | 1  |
|                     | R290   | 0.064            | 16             | 1                                    | 1  |
|                     | R290   | 0.080            | 14             | -                                    | 1  |
|                     | R290   | 0.104            | 12             | 1                                    | 1  |
| 3.1/8"              | R290   | 0.064            | 16             | 1                                    | 1  |
|                     | R290   | 0.080            | 14             | 1                                    | 1  |
|                     | R290   | 0.104            | 12             | -                                    | 1  |
| 3.5/8"              | R290   | 0.064            | 16             | 1                                    | 1  |
|                     | R290   | 0.080            | 14             | -                                    | 1  |
|                     | R290   | 0.104            | 12             | -                                    | 1  |
| 4.1/8"              | R290   | 0.064            | 16             | 1                                    | 1  |
|                     | R290   | 0.080            | 14             | 1                                    | 1  |
|                     | R290   | 0.104            | 12             | 1                                    | 1  |
|                     | R290   | 0.128            | 10             | -                                    | 1  |

Standard Range Copper Coiled Tube  
EN 12735-1



| Size OD<br>(inches) | Temper | Wall<br>(inches) | Gauge<br>(SWG) | Available in<br>(Coils per box) |     |     |
|---------------------|--------|------------------|----------------|---------------------------------|-----|-----|
|                     |        |                  |                | 6m                              | 15m | 30m |
| 3/16"               | R220   | 0.028            | 22             | -                               | -   | 8   |
| 1/4"                | R220   | 0.028            | 22             | 1                               | 10  | 6   |
| 5/16"               | R220   | 0.028            | 22             | -                               | -   | 5   |
|                     | R220   | 0.036            | 20             | -                               | -   | 5   |
| 3/8"                | R220   | 0.032            | 21             | 1                               | 7   | 4   |
| 1/2"                | R220   | 0.032            | 21             | 1                               | 5   | 3   |
| 5/8"                | R220   | 0.036            | 20             | 1                               | 4   | 2   |
| 3/4"                | R220   | 0.040            | 19             | -                               | 3   | 1   |
| 7/8"                | R220   | 0.040            | 19             | -                               | 2   | 1   |



# Fittings & Accessories

Manufactured to ASME B16.22 Lawton's ACR fittings are all seamless, one piece fittings, which makes them stronger and easier to use. All Lawton's fittings are available from 3/16" to 4 1/8" for use with Lawton entire range of ACR tubes.

Regularly needed for large supermarket projects we can supply high pressure fittings for CO<sub>2</sub> applications. All fittings from stock for quick delivery.

Wherever possible all Lawton fittings are engraved for additional traceability.

We offer a variety of silver solder brazing alloys suitable dependent upon product type and application.



Reducing Coupling C x C



| Product Code  | Size            | Bag | Box  |
|---------------|-----------------|-----|------|
| RFCP516X14    | 5/16" X 1/4"    | 100 | 5000 |
| RFCP38X14     | 3/8" X 1/4"     | 100 | 2000 |
| RFCP12X14     | 1/2" X 1/4"     | 100 | 2000 |
| RFCP12X38     | 1/2" X 3/8"     | 100 | 1500 |
| RFCP58X12     | 5/8" X 1/2"     | 100 | 1500 |
| RFCP58X14     | 5/8" X 1/4"     | 100 | 1500 |
| RFCP58X38     | 5/8" X 3/8"     | 100 | 1500 |
| RFCP34X38     | 3/4" X 3/8"     | 50  | 1100 |
| RFCP34X12     | 3/4" X 1/2"     | 50  | 1100 |
| RFCP34X58     | 3/4" X 5/8"     | 50  | 1000 |
| RFCP78X38     | 7/8" X 3/8"     | 50  | 1000 |
| RFCP78X12     | 7/8" X 1/2"     | 50  | 1000 |
| RFCP78X58     | 7/8" X 5/8"     | 50  | 800  |
| RFCP78X34     | 7/8" X 3/4"     | 50  | 800  |
| RFCP1.18X12   | 1.1/8" X 1/2"   | 25  | 500  |
| RFCP1.18X58   | 1.1/8" X 5/8"   | 25  | 500  |
| RFCP1.18X34   | 1.1/8" X 3/4"   | 25  | 400  |
| RFCP1.18X78   | 1.1/8" X 7/8"   | 20  | 400  |
| RFCP1.38X58   | 1.3/8" X 5/8"   | 10  | 400  |
| RFCP1.38X34   | 1.3/8" X 3/4"   | 10  | 2000 |
| RFCP1.38X78   | 1.3/8" X 7/8"   | 10  | 250  |
| RFCP1.38X1.18 | 1.3/8" X 1.1/8" | 10  | 200  |
| RFCP1.58X78   | 1.5/8" X 7/8"   | 10  | 200  |
| RFCP1.58X1.18 | 1.5/8" X 1.1/8" | 10  | 160  |
| RFCP1.58X1.38 | 1.5/8" X 1.3/8" | 10  | 120  |
| RFCP2.18X58   | 2.1/8" X 5/8"   | 5   | 60   |
| RFCP2.18X78   | 2.1/8" X 7/8"   | 5   | 100  |
| RFCP2.18X1.18 | 2.1/8" X 1.1/8" | 5   | 100  |
| RFCP2.18X1.38 | 2.1/8" X 1.3/8" | 5   | 100  |
| RFCP2.18X1.58 | 2.1/8" X 1.5/8" | 5   | 100  |
| RFCP2.58X1.18 | 2.5/8" X 1.1/8" | 5   | 50   |
| RFCP2.58X1.38 | 2.5/8" X 1.3/8" | 5   | 50   |
| RFCP2.58X1.58 | 2.5/8" X 1.5/8" | 5   | 50   |
| RFCP2.58X2.18 | 2.5/8" X 2.1/8" | 5   | 50   |
| RFCP3.18X1.38 | 3.1/8" X 1.3/8" | 1   | 25   |
| RFCP3.18X1.58 | 3.1/8" X 1.5/8" | 1   | 25   |
| RFCP3.18X2.18 | 3.1/8" X 2.1/8" | 1   | 25   |
| RFCP3.18X2.58 | 3.1/8" X 2.5/8" | 1   | 25   |
| RFCP3.58X2.58 | 3.5/8" X 2.5/8" | 1   | 20   |
| RFCP3.58X3.18 | 3.5/8" X 3.1/8" | 1   | 17   |
| RFCP4.18X2.18 | 4.1/8" X 2.1/8" | 1   | 18   |
| RFCP4.18X2.58 | 4.1/8" X 2.5/8" | 1   | 18   |
| RFCP4.18X3.18 | 4.1/8" X 3.1/8" | 1   | 18   |
| RFCP4.18X3.58 | 4.1/8" X 3.5/8" | 1   | 12   |



Fitting Reducer FTG x C



| Product Code   | Size            | Bag | Box  |
|----------------|-----------------|-----|------|
| RFRED38X14     | 3/8" X 1/4"     | 100 | 4000 |
| RFRED12X14     | 1/2" X 1/4"     | 100 | 3000 |
| RFRED12X38     | 1/2" X 3/8"     | 100 | 2500 |
| RFRED58X14     | 5/8" X 1/4"     | 100 | 2400 |
| RFRED58X38     | 5/8" X 3/8"     | 100 | 2400 |
| RFRED58X12     | 5/8" X 1/2"     | 100 | 1800 |
| RFRED34X38     | 3/4" X 3/8"     | 100 | 1500 |
| RFRED34X12     | 3/4" X 1/2"     | 50  | 1100 |
| RFRED34X58     | 3/4" X 5/8"     | 50  | 1000 |
| RFRED78X12     | 7/8" X 1/2"     | 50  | 700  |
| RFRED78X34     | 7/8" X 3/4"     | 50  | 600  |
| RFRED78X38     | 7/8" X 3/8"     | 100 | 1000 |
| RFRED78X58     | 7/8" X 5/8"     | 50  | 800  |
| RFRED1.18X12   | 1.1/8" X 1/2"   | 50  | 500  |
| RFRED1.18X58   | 1.1/8" X 5/8"   | 30  | 500  |
| RFRED1.18X34   | 1.1/8" X 3/4"   | 25  | 400  |
| RFRED1.18X78   | 1.1/8" X 7/8"   | 25  | 400  |
| RFRED1.38X58   | 1.3/8" X 5/8"   | 15  | 300  |
| RFRED1.38X34   | 1.3/8" X 3/4"   | 15  | 300  |
| RFRED1.38X78   | 1.3/8" X 7/8"   | 15  | 250  |
| RFRED1.38X1.18 | 1.3/8" X 1.1/8" | 15  | 200  |
| RFRED1.58X58   | 1.5/8" X 5/8"   | 25  | 200  |
| RFRED1.58X34   | 1.5/8" X 3/4"   | 10  | 200  |
| RFRED1.58X78   | 1.5/8" X 7/8"   | 25  | 200  |
| RFRED1.58X1.18 | 1.5/8" X 1.1/8" | 20  | 160  |
| RFRED1.58X1.38 | 1.5/8" X 1.3/8" | 20  | 150  |
| RFRED2.18X58   | 2.1/8" X 5/8"   | 10  | 100  |
| RFRED2.18X78   | 2.1/8" X 7/8"   | 10  | 100  |
| RFRED2.18X1.18 | 2.1/8" X 1.1/8" | 10  | 100  |
| RFRED2.18X1.38 | 2.1/8" X 1.3/8" | 10  | 100  |
| RFRED2.18X1.58 | 2.1/8" X 1.5/8" | 10  | 100  |
| RFRED2.58X1.18 | 2.5/8" X 1.1/8" | 2   | 60   |
| RFRED2.58X1.38 | 2.5/8" X 1.3/8" | 2   | 60   |
| RFRED2.58X1.58 | 2.5/8" X 1.5/8" | 2   | 60   |
| RFRED2.58X2.18 | 2.5/8" X 2.1/8" | 2   | 60   |
| RFRED3.18X1.38 | 3.1/8" X 1.3/8" | 2   | 25   |
| RFRED3.18X1.58 | 3.1/8" X 1.5/8" | 2   | 25   |
| RFRED3.18X2.18 | 3.1/8" X 2.1/8" | 2   | 30   |
| RFRED3.18X2.58 | 3.1/8" X 2.5/8" | 2   | 25   |
| RFRED3.58X2.58 | 3.5/8" X 2.5/8" | 1   | 24   |
| RFRED3.58X3.18 | 3.5/8" X 3.1/8" | 1   | 24   |
| RFRED4.18X2.18 | 4.1/8" X 2.1/8" | 1   | 20   |
| RFRED4.18X2.58 | 4.1/8" X 2.5/8" | 1   | 18   |
| RFRED4.18X3.18 | 4.1/8" X 3.1/8" | 1   | 18   |
| RFRED4.18X3.58 | 4.1/8" X 3.5/8" | 1   | 18   |





90 Degree Short Radius  
Street Elbow FTG x C

**LAWTON**  
PCR FITTINGS

| Product Code | Size   | Bag | Box  |
|--------------|--------|-----|------|
| RFELSR14     | 1/4"   | 100 | 5000 |
| RFELSR516    | 5/16"  | 100 | 4000 |
| RFELSR38     | 3/8"   | 100 | 3000 |
| RFELSR12     | 1/2"   | 100 | 1500 |
| RFELSR58     | 5/8"   | 50  | 1200 |
| RFELSR34     | 3/4"   | 40  | 560  |
| RFELSR78     | 7/8"   | 25  | 400  |
| RFELSR1.18   | 1.1/8" | 25  | 200  |
| RFELSR1.38   | 1.3/8" | 10  | 120  |
| RFELSR1.58   | 1.5/8" | 5   | 80   |
| RFELSR2.18   | 2.1/8" | 2   | 40   |
| RFELSR2.58   | 2.5/8" | 2   | 20   |
| RFELSR3.18   | 3.1/8" | 1   | 12   |
| RFELSR3.58   | 3.5/8" | 1   | 8    |
| RFELSR4.18   | 4.1/8" | 1   | 6    |



90 Degree Long Elbow C x C

**LAWTON**  
PCR FITTINGS

| Product Code | Size   | Bag | Box  |
|--------------|--------|-----|------|
| RFELLR14     | 1/4"   | 100 | 5000 |
| RFELLR516    | 5/16"  | 100 | 4000 |
| RFELLR38     | 3/8"   | 100 | 3000 |
| RFELLR12     | 1/2"   | 50  | 1500 |
| RFELLR58     | 5/8"   | 50  | 800  |
| RFELLR34     | 3/4"   | 25  | 450  |
| RFELLR78     | 7/8"   | 20  | 280  |
| RFELLR1.18   | 1.1/8" | 10  | 120  |
| RFELLR1.38   | 1.3/8" | 5   | 80   |
| RFELLR1.58   | 1.5/8" | 5   | 50   |
| RFELLR2.18   | 2.1/8" | 2   | 24   |
| RFELLR2.58   | 2.5/8" | 2   | 14   |
| RFELLR3.18   | 3.1/8" | 1   | 8    |
| RFELLR3.58   | 3.5/8" | 1   | 4    |
| RFELLR4.18   | 4.1/8" | 1   | 3    |



90 Degree Short Elbow C x C

|            |        |     |      |
|------------|--------|-----|------|
| RFELSR14   | 1/4"   | 100 | 5000 |
| RFELSR516  | 5/16"  | 100 | 4000 |
| RFELSR38   | 3/8"   | 100 | 3000 |
| RFELSR12   | 1/2"   | 100 | 2000 |
| RFELSR58   | 5/8"   | 50  | 1200 |
| RFELSR34   | 3/4"   | 40  | 600  |
| RFELSR78   | 7/8"   | 25  | 400  |
| RFELSR1.18 | 1.1/8" | 25  | 200  |
| RFELSR1.38 | 1.3/8" | 10  | 120  |
| RFELSR1.58 | 1.5/8" | 5   | 80   |
| RFELSR2.18 | 2.1/8" | 2   | 40   |
| RFELSR2.58 | 2.5/8" | 2   | 20   |
| RFELSR3.18 | 3.1/8" | 1   | 15   |
| RFELSR3.58 | 3.5/8" | 1   | 8    |
| RFELSR4.18 | 4.1/8" | 1   | 6    |



45 Degree Street Elbow FTG x C

|              |        |     |      |
|--------------|--------|-----|------|
| RFELS45/14   | 1/4"   | 200 | 2000 |
| RFELS45/516  | 5/16"  | 200 | 2000 |
| RFELS45/38   | 3/8"   | 100 | 1800 |
| RFELS45/12   | 1/2"   | 100 | 1500 |
| RFELS45/58   | 5/8"   | 50  | 1300 |
| RFELS45/34   | 3/4"   | 40  | 720  |
| RFELS45/78   | 7/8"   | 25  | 500  |
| RFELS45/1.18 | 1.1/8" | 25  | 200  |
| RFELS45/1.38 | 1.3/8" | 10  | 120  |
| RFELS45/1.58 | 1.5/8" | 5   | 80   |
| RFELS45/2.18 | 2.1/8" | 2   | 40   |
| RFELS45/2.58 | 2.5/8" | 2   | 24   |
| RFELS45/3.18 | 3.1/8" | 2   | 16   |
| RFELS45/3.58 | 3.5/8" | 2   | 10   |
| RFELS45/4.18 | 4.1/8" | 1   | 6    |



90 Degree Long Radius Street Elbow FTG x C

|             |        |     |      |
|-------------|--------|-----|------|
| RFELLRS14   | 1/4"   | 100 | 5000 |
| RFELLRS516  | 5/16"  | 100 | 4000 |
| RFELLRS38   | 3/8"   | 100 | 3000 |
| RFELLRS12   | 1/2"   | 50  | 1500 |
| RFELLRS58   | 5/8"   | 50  | 800  |
| RFELLRS34   | 3/4"   | 25  | 450  |
| RFELLRS78   | 7/8"   | 20  | 280  |
| RFELLRS1.18 | 1.1/8" | 10  | 120  |
| RFELLRS1.38 | 1.3/8" | 5   | 80   |
| RFELLRS1.58 | 1.5/8" | 5   | 50   |
| RFELLRS2.18 | 2.1/8" | 2   | 24   |
| RFELLRS2.58 | 2.5/8" | 1   | 12   |
| RFELLRS3.18 | 3.1/8" | 1   | 8    |
| RFELLRS3.58 | 3.5/8" | 1   | 4    |
| RFELLRS4.18 | 4.1/8" | 1   | 3    |



45 Degree Elbow C x C

|             |        |     |      |
|-------------|--------|-----|------|
| RFEL45/14   | 1/4"   | 100 | 2000 |
| RFEL45/516  | 5/16"  | 100 | 2000 |
| RFEL45/38   | 3/8"   | 100 | 1800 |
| RFEL45/12   | 1/2"   | 100 | 1500 |
| RFEL45/58   | 5/8"   | 50  | 1300 |
| RFEL45/34   | 3/4"   | 40  | 720  |
| RFEL45/78   | 7/8"   | 40  | 500  |
| RFEL45/1.18 | 1.1/8" | 10  | 200  |
| RFEL45/1.38 | 1.3/8" | 10  | 120  |
| RFEL45/1.58 | 1.5/8" | 5   | 100  |
| RFEL45/2.18 | 2.1/8" | 2   | 40   |
| RFEL45/2.58 | 2.5/8" | 2   | 20   |
| RFEL45/3.18 | 3.1/8" | 2   | 16   |
| RFEL45/3.58 | 3.5/8" | 2   | 10   |
| RFEL45/4.18 | 4.1/8" | 1   | 8    |



90 Degree Short Radius  
Reducing Elbow C x C

**LAWTON**  
HEAVY FITTINGS

| Product Code    | Size            | Bag | Box  |
|-----------------|-----------------|-----|------|
| RFREDEL1238     | 1/2" X 3/8"     | 50  | 2000 |
| RFREDEL7834     | 7/8" X 3/4"     | 50  | 500  |
| RFREDEL5812     | 5/8" X 1/2"     | 50  | 1000 |
| RFREDEL1.581.38 | 1.5/8" X 1.3/8" | 10  | 100  |



Straight Coupling C x C

|          |        |     |      |
|----------|--------|-----|------|
| RFCP316  | 3/16"  | 100 | 5000 |
| RFCP14   | 1/4"   | 100 | 5000 |
| RFCP516  | 5/16"  | 100 | 5000 |
| RFCP38   | 3/8"   | 100 | 5000 |
| RFCP12   | 1/2"   | 100 | 3000 |
| RFCP58   | 5/8"   | 50  | 2000 |
| RFCP34   | 3/4"   | 50  | 900  |
| RFCP78   | 7/8"   | 50  | 500  |
| RFCP1.18 | 1.1/8" | 20  | 300  |
| RFCP1.38 | 1.3/8" | 10  | 200  |
| RFCP1.58 | 1.5/8" | 10  | 100  |
| RFCP2.18 | 2.1/8" | 5   | 60   |
| RFCP2.58 | 2.5/8" | 2   | 40   |
| RFCP3.18 | 3.1/8" | 2   | 32   |
| RFCP3.58 | 3.5/8" | 1   | 15   |
| RFCP4.18 | 4.1/8" | 1   | 9    |



Equal Tee C x C x C

|          |        |     |      |
|----------|--------|-----|------|
| RFTE14   | 1/4"   | 100 | 6000 |
| RFTE516  | 5/16"  | 50  | 3000 |
| RFTE38   | 3/8"   | 100 | 2500 |
| RFTE12   | 1/2"   | 100 | 1200 |
| RFTE58   | 5/8"   | 50  | 600  |
| RFTE34   | 3/4"   | 20  | 400  |
| RFTE78   | 7/8"   | 10  | 250  |
| RFTE1.18 | 1.1/8" | 10  | 120  |
| RFTE1.38 | 1.3/8" | 5   | 80   |
| RFTE1.58 | 1.5/8" | 5   | 50   |
| RFTE2.18 | 2.1/8" | 1   | 25   |
| RFTE2.58 | 2.5/8" | 1   | 16   |
| RFTE3.18 | 3.1/8" | 1   | 10   |
| RFTE3.58 | 3.5/8" | 1   | 5    |
| RFTE4.18 | 4.1/8" | 1   | 4    |



### Reducing Tee C x C x C

**LAWTON**  
BCR FITTINGS

| Product Code       | Size                     | Bag | Box  |
|--------------------|--------------------------|-----|------|
| RFTE14X14X38       | 1/4" x 1/4" x 3/8"       | 100 | 3000 |
| RFTE516X516X14     | 5/16" x 5/16" x 1/4"     | 100 | 3000 |
| RFTE38X14X14       | 3/8" x 1/4" x 1/4"       | 100 | 2000 |
| RFTE38X14X38       | 3/8" x 1/4" x 3/8"       | 100 | 2000 |
| RFTE38X38X14       | 3/8" x 3/8" x 1/4"       | 100 | 2000 |
| RFTE38X38X12       | 3/8" x 3/8" x 1/2"       | 100 | 2000 |
| RFTE38X38X58       | 3/8" x 3/8" x 5/8"       | 100 | 2000 |
| RFTE12X38X38       | 1/2" x 3/8" x 3/8"       | 100 | 1600 |
| RFTE12X38X12       | 1/2" x 3/8" x 1/2"       | 100 | 1500 |
| RFTE12X12X14       | 1/2" x 1/2" x 1/4"       | 100 | 1600 |
| RFTE12X12X38       | 1/2" x 1/2" x 3/8"       | 100 | 1500 |
| RFTE12X12X58       | 1/2" x 1/2" x 5/8"       | 100 | 700  |
| RFTE58X38X38       | 5/8" x 3/8" x 3/8"       | 25  | 750  |
| RFTE58X38X58       | 5/8" x 3/8" x 5/8"       | 25  | 750  |
| RFTE58X12X38       | 5/8" x 1/2" x 3/8"       | 25  | 1000 |
| RFTE58X12X12       | 5/8" x 1/2" x 1/2"       | 25  | 800  |
| RFTE58X12X58       | 5/8" x 1/2" x 5/8"       | 25  | 750  |
| RFTE58X58X14       | 5/8" x 5/8" x 1/4"       | 25  | 800  |
| RFTE58X58X38       | 5/8" x 5/8" x 3/8"       | 25  | 800  |
| RFTE58X58X12       | 5/8" x 5/8" x 1/2"       | 25  | 800  |
| RFTE58X58X34       | 5/8" x 5/8" x 3/4"       | 25  | 300  |
| RFTE58X58X78       | 5/8" x 5/8" x 7/8"       | 25  | 300  |
| RFTE58X58X1.18     | 5/8" x 5/8" x 1.1/8"     | 25  | 200  |
| RFTE34X12X12       | 3/4" x 1/2" x 1/2"       | 25  | 500  |
| RFTE34X58X58       | 3/4" x 5/8" x 5/8"       | 25  | 300  |
| RFTE34X34X38       | 3/4" x 3/4" x 3/8"       | 25  | 600  |
| RFTE34X34X12       | 3/4" x 3/4" x 1/2"       | 25  | 500  |
| RFTE34X34X58       | 3/4" x 3/4" x 5/8"       | 25  | 400  |
| RFTE34X34X78       | 3/4" x 3/4" x 7/8"       | 25  | 250  |
| RFTE78X12X12       | 7/8" x 1/2" x 1/2"       | 10  | 300  |
| RFTE78X12X78       | 7/8" x 1/2" x 7/8"       | 10  | 250  |
| RFTE78X58X12       | 7/8" x 5/8" x 1/2"       | 10  | 300  |
| RFTE78X58X58       | 7/8" x 5/8" x 5/8"       | 10  | 300  |
| RFTE78X58X78       | 7/8" x 5/8" x 7/8"       | 10  | 250  |
| RFTE78X34X34       | 7/8" x 3/4" x 3/4"       | 10  | 200  |
| RFTE78X78X38       | 7/8" x 7/8" x 3/8"       | 25  | 500  |
| RFTE78X78X12       | 7/8" x 7/8" x 1/2"       | 25  | 400  |
| RFTE78X78X58       | 7/8" x 7/8" x 5/8"       | 10  | 300  |
| RFTE78X78X34       | 7/8" x 7/8" x 3/4"       | 10  | 250  |
| RFTE78X78X1.18     | 7/8" x 7/8" x 1.1/8"     | 10  | 150  |
| RFTE1.18X58X78     | 1.1/8" x 5/8" x 7/8"     | 10  | 200  |
| RFTE1.18X58X1.18   | 1.1/8" x 5/8" x 1.1/8"   | 10  | 200  |
| RFTE1.18X78X12     | 1.1/8" x 7/8" x 1/2"     | 10  | 200  |
| RFTE1.18X78X58     | 1.1/8" x 7/8" x 5/8"     | 10  | 200  |
| RFTE1.18X78X78     | 1.1/8" x 7/8" x 7/8"     | 10  | 160  |
| RFTE1.18X78X1.18   | 1.1/8" x 7/8" x 1.1/8"   | 10  | 120  |
| RFTE1.18X1.18X12   | 1.1/8" x 1.1/8" x 1/2"   | 10  | 200  |
| RFTE1.18X1.18X58   | 1.1/8" x 1.1/8" x 5/8"   | 10  | 180  |
| RFTE1.18X1.18X34   | 1.1/8" x 1.1/8" x 3/4"   | 10  | 180  |
| RFTE1.18X1.18X78   | 1.1/8" x 1.1/8" x 7/8"   | 10  | 150  |
| RFTE1.18X1.18X1.38 | 1.1/8" x 1.1/8" x 1.3/8" | 5   | 100  |
| RFTE1.18X1.18X1.58 | 1.1/8" x 1.1/8" x 1.5/8" | 5   | 50   |
| RFTE1.38X78X78     | 1.3/8" x 7/8" x 7/8"     | 5   | 100  |
| RFTE1.38X78X1.18   | 1.3/8" x 7/8" x 1.1/8"   | 5   | 100  |
| RFTE1.38X78X1.38   | 1.3/8" x 7/8" x 1.3/8"   | 5   | 100  |
| RFTE1.38X1.18X58   | 1.3/8" x 1.1/8" x 5/8"   | 5   | 100  |
| RFTE1.38X1.18X78   | 1.3/8" x 1.1/8" x 7/8"   | 5   | 100  |

**LAWTON**  
BCR FITTINGS

| Product Code       | Size                     | Bag | Box |
|--------------------|--------------------------|-----|-----|
| RFTE1.38X1.18X1.18 | 1.3/8" x 1.1/8" x 1.1/8" | 5   | 100 |
| RFTE1.38X1.18X1.38 | 1.3/8" x 1.1/8" x 1.3/8" | 5   | 70  |
| RFTE1.38X1.38X58   | 1.3/8" x 1.3/8" x 5/8"   | 5   | 120 |
| RFTE1.38X1.38X78   | 1.3/8" x 1.3/8" x 7/8"   | 5   | 100 |
| RFTE1.38X1.38X1.18 | 1.3/8" x 1.3/8" x 1.1/8" | 5   | 80  |
| RFTE1.38X1.38X1.58 | 1.3/8" x 1.3/8" x 1.5/8" | 5   | 60  |
| RFTE1.38X1.38X2.18 | 1.3/8" x 1.3/8" x 2.1/8" | 5   | 25  |
| RFTE1.58X78X78     | 1.5/8" x 7/8" x 7/8"     | 5   | 100 |
| RFTE1.58X78X1.58   | 1.5/8" x 7/8" x 1.5/8"   | 5   | 80  |
| RFTE1.58X1.18X78   | 1.5/8" x 1.1/8" x 7/8"   | 5   | 70  |
| RFTE1.58X1.18X1.58 | 1.5/8" x 1.1/8" x 1.5/8" | 5   | 50  |
| RFTE1.58X1.38X1.18 | 1.5/8" x 1.3/8" x 1.1/8" | 5   | 60  |
| RFTE1.58X1.38X1.38 | 1.5/8" x 1.3/8" x 1.3/8" | 5   | 60  |
| RFTE1.58X1.38X1.58 | 1.5/8" x 1.3/8" x 1.5/8" | 5   | 50  |
| RFTE1.58X1.38X78   | 1.5/8" x 1.3/8" x 7/8"   | 5   | 80  |
| RFTE1.58X1.58X58   | 1.5/8" x 1.5/8" x 5/8"   | 5   | 90  |
| RFTE1.58X1.58X78   | 1.5/8" x 1.5/8" x 7/8"   | 5   | 80  |
| RFTE1.58X1.58X1.18 | 1.5/8" x 1.5/8" x 1.1/8" | 5   | 60  |
| RFTE1.58X1.58X12   | 1.5/8" x 1.5/8" x 1/2"   | 5   | 100 |
| RFTE1.58X1.58X1.38 | 1.5/8" x 1.5/8" x 1.3/8" | 5   | 50  |
| RFTE1.58X1.58X2.18 | 1.5/8" x 1.5/8" x 2.1/8" | 5   | 25  |
| RFTE2.18X1.38X1.18 | 2.1/8" x 1.3/8" x 1.1/8" | 2   | 40  |
| RFTE2.18X1.38X1.38 | 2.1/8" x 1.3/8" x 1.3/8" | 2   | 30  |
| RFTE2.18X1.38X2.18 | 2.1/8" x 1.3/8" x 2.1/8" | 2   | 20  |
| RFTE2.18X1.58X78   | 2.1/8" x 1.5/8" x 7/8"   | 2   | 40  |
| RFTE2.18X1.58X1.18 | 2.1/8" x 1.5/8" x 1.1/8" | 2   | 30  |
| RFTE2.18X1.58X1.58 | 2.1/8" x 1.5/8" x 1.5/8" | 2   | 30  |
| RFTE2.18X1.58X2.18 | 2.1/8" x 1.5/8" x 2.1/8" | 2   | 30  |
| RFTE2.18X2.18X58   | 2.1/8" x 2.1/8" x 5/8"   | 2   | 50  |
| RFTE2.18X2.18X78   | 2.1/8" x 2.1/8" x 7/8"   | 2   | 40  |
| RFTE2.18X2.18X1.18 | 2.1/8" x 2.1/8" x 1.1/8" | 2   | 35  |
| RFTE2.18X2.18X1.38 | 2.1/8" x 2.1/8" x 1.3/8" | 2   | 30  |
| RFTE2.18X2.18X1.58 | 2.1/8" x 2.1/8" x 1.5/8" | 2   | 25  |
| RFTE2.18X2.18X2.58 | 2.1/8" x 2.1/8" x 2.5/8" | 2   | 16  |
| RFTE2.58X78X2.58   | 2.5/8" x 7/8" x 2.5/8"   | 1   | 20  |
| RFTE2.58X2.18X1.58 | 2.5/8" x 2.1/8" x 1.5/8" | 1   | 20  |
| RFTE2.58X2.18X2.18 | 2.5/8" x 2.1/8" x 2.1/8" | 1   | 16  |
| RFTE2.58X2.58X58   | 2.5/8" x 2.5/8" x 5/8"   | 1   | 30  |
| RFTE2.58X2.58X78   | 2.5/8" x 2.5/8" x 7/8"   | 1   | 30  |
| RFTE2.58X2.58X1.18 | 2.5/8" x 2.5/8" x 1.1/8" | 1   | 25  |
| RFTE2.58X2.58X1.38 | 2.5/8" x 2.5/8" x 1.3/8" | 1   | 20  |
| RFTE2.58X2.58X1.58 | 2.5/8" x 2.5/8" x 1.5/8" | 1   | 20  |
| RFTE2.58X2.58X2.18 | 2.5/8" x 2.5/8" x 2.1/8" | 1   | 20  |
| RFTE3.18X3.18X78   | 3.1/8" x 3.1/8" x 7/8"   | 1   | 18  |
| RFTE3.18X3.18X1.18 | 3.1/8" x 3.1/8" x 1.1/8" | 1   | 14  |
| RFTE3.18X3.18X1.38 | 3.1/8" x 3.1/8" x 1.3/8" | 1   | 14  |
| RFTE3.18X3.18X1.58 | 3.1/8" x 3.1/8" x 1.5/8" | 1   | 12  |
| RFTE3.18X3.18X2.18 | 3.1/8" x 3.1/8" x 2.1/8" | 1   | 10  |
| RFTE3.18X3.18X2.58 | 3.1/8" x 3.1/8" x 2.5/8" | 1   | 10  |
| RFTE4.18X4.18X1.58 | 4.1/8" x 4.1/8" x 1.5/8" | 1   | 8   |
| RFTE4.18X4.18X2.18 | 4.1/8" x 4.1/8" x 2.1/8" | 1   | 6   |
| RFTE4.18X4.18X2.58 | 4.1/8" x 4.1/8" x 2.5/8" | 1   | 6   |
| RFTE4.18X4.18X3.18 | 4.1/8" x 4.1/8" x 3.1/8" | 1   | 5   |

End Cap



| Product Code | Size   | Bag | Box  |
|--------------|--------|-----|------|
| RFEC14       | 1/4"   | 100 | 5000 |
| RFEC38       | 3/8"   | 100 | 5000 |
| RFEC12       | 1/2"   | 100 | 3000 |
| RFEC58       | 5/8"   | 100 | 2200 |
| RFEC34       | 3/4"   | 50  | 1500 |
| RFEC78       | 7/8"   | 50  | 1200 |
| RFEC1.18     | 1.1/8" | 50  | 600  |
| RFEC1.38     | 1.3/8" | 25  | 400  |
| RFEC1.58     | 1.5/8" | 10  | 200  |
| RFEC2.18     | 2.1/8" | 5   | 120  |
| RFEC2.58     | 2.5/8" | 2   | 60   |
| RFEC3.18     | 3.1/8" | 1   | 40   |
| RFEC3.58     | 3.5/8" | 1   | 25   |
| RFEC4.18     | 4.1/8" | 1   | 25   |

Male Thread Adaptor C x M



| Product Code   | Size            | Bag | Box  |
|----------------|-----------------|-----|------|
| RFMAD14X18     | 1/4" X 1/8"     | 50  | 1000 |
| RFMAD38X14     | 3/8" X 1/4"     | 50  | 1000 |
| RFMAD12X12     | 1/2" X 1/2"     | 50  | 800  |
| RFMAD58X12     | 5/8" X 1/2"     | 25  | 500  |
| RFMAD58X34     | 5/8" X 3/4"     | 25  | 500  |
| RFMAD78X12     | 7/8" X 1/2"     | 10  | 500  |
| RFMAD78X34     | 7/8" X 3/4"     | 10  | 500  |
| RFMAD1.18X34   | 1.1/8" X 3/4"   | 25  | 300  |
| RFMAD1.18X1    | 1.1/8" X 1"     | 25  | 300  |
| RFMAD1.38X1.12 | 1.3/8" X 1.1/2" | 2   | 100  |
| RFMAD1.38X1.14 | 1.3/8" X 1.1/4" | 2   | 100  |
| RFMAD1.58X1.14 | 1.5/8" X 1.1/4" | 2   | 100  |
| RFMAD1.58X1.12 | 1.5/8" X 1.1/2" | 2   | 100  |
| RFMAD2.18X2    | 2.1/8" X 2"     | 1   | 80   |
| RFMAD2.58X2.12 | 2.5/8" X 2.1/2" | 1   | 30   |

Copper Tube Strap - Double Hole



| Product Code | Size   | Bag | Box  |
|--------------|--------|-----|------|
| RFSPS14      | 1/4"   | 100 | 5000 |
| RFSPS38      | 3/8"   | 100 | 3000 |
| RFSPS12      | 1/2"   | 100 | 2500 |
| RFSPS58      | 5/8"   | 50  | 2500 |
| RFSPS34      | 3/4"   | 50  | 1500 |
| RFSPS78      | 7/8"   | 50  | 1500 |
| RFSPS1.18    | 1.1/8" | 10  | 750  |
| RFSPS1.38    | 1.3/8" | 10  | 650  |
| RFSPS1.58    | 1.5/8" | 10  | 700  |
| RFSPS2.18    | 2.1/8" | 5   | 500  |

U-Bend C x C



| Product Code  | Size            | Bag | Box |
|---------------|-----------------|-----|-----|
| RFUB38X1.12   | 3/8" X 1.1/2"   | 10  | 500 |
| RFUB12X1.12   | 1/2" X 1.1/2"   | 100 | 400 |
| RFUB58X1.78   | 5/8" X 1.7/8"   | 10  | 300 |
| RFUB34X2.12   | 3/4" X 2.1/2"   | 10  | 200 |
| RFUB78X2.12   | 7/8" X 2.1/2"   | 10  | 150 |
| RFUB1.18X3    | 1.1/8" X 3"     | 10  | 80  |
| RFUB1.38X3.34 | 1.3/8" X 3.3/4" | 10  | 40  |
| RFUB1.58X4.12 | 1.5/8" X 4.1/2" | 2   | 28  |
| RFUB2.18X5.12 | 2.1/8" X 5.1/2" | 1   | 15  |

Suction Line P-Traps C x C



| Product Code | Size   | Bag | Box |
|--------------|--------|-----|-----|
| RFPT58       | 5/8"   | 1   | 80  |
| RFPT34       | 3/4"   | 1   | 40  |
| RFPT78       | 7/8"   | 1   | 30  |
| RFPT1.18     | 1.1/8" | 1   | 25  |
| RFPT1.38     | 1.3/8" | 1   | 15  |
| RFPT1.58     | 1.5/8" | 1   | 8   |
| RFPT2.18     | 2.1/8" | 1   | 4   |



Brazing Solutions  
Silver Solder (Brazing Rod)

| Product Code    | Size                    | %   | Type        |
|-----------------|-------------------------|-----|-------------|
| SOL-ZERO        | 1.27mm X 3.18mm X 508mm | 0   | Round       |
| SOL-S2.0AG0.2   | 2.0mm X 500mm           | 0.2 | Square      |
| SOL-S1.5AG5     | 1.5mm X 500mm           | 5   | Round       |
| SOL-S1.5AG45    | 1.5mm X 500mm           | 45  | Round       |
| SOL-S1.5AG40FC  | 1.5mm X 500mm           | 40  | Flux Coated |
| SOL-S1.5AG40    | 1.5mm X 500mm           | 40  | Round       |
| SOL-S1.5AG55    | 1.5mm X 500mm           | 55  | Round       |
| SOL-S2.0AG2     | 2.0mm X 500mm           | 5   | Round       |
| SOL-S2.0AG5     | 2.0mm X 500mm           | 2   | Round       |
| SOL-S2.5AG6     | 2.5mm X 500mm           | 6   | Round       |
| SOL-S2.5AG5     | 2.5mm X 500mm           | 5   | Round       |
| SOL-S2.5AG15    | 2.5mm X 500mm           | 15  | Round       |
| SOL-S2.5AG45    | 2.5mm X 500mm           | 45  | Round       |
| SOL-S2.5AG15(6) | 2.5mm X 600mm           | 15  | Round       |
| SOL-S3.0AG2     | 3.0mm X 500mm           | 2   | Round       |
| SOL-S3.0AG5     | 3.0mm X 500mm           | 5   | Round       |

Female Thread Adaptor C x F



| Product Code   | Size            | Bag | Box  |
|----------------|-----------------|-----|------|
| RFFAD38X14     | 3/8" X 1/4"     | 50  | 1000 |
| RFFAD12X12     | 1/2" X 1/2"     | 50  | 800  |
| RFFAD12X38     | 1/2" X 3/8"     | 50  | 800  |
| RFFAD58X12     | 5/8" X 1/2"     | 50  | 500  |
| RFFAD58X34     | 5/8" X 3/4"     | 50  | 500  |
| RFFAD34X34     | 3/4" X 3/4"     | 10  | 500  |
| RFFAD34X12     | 3/4" X 1/2"     | 10  | 500  |
| RFFAD78X12     | 7/8" X 1/2"     | 10  | 300  |
| RFFAD1.18X1    | 1.1/8" X 1"     | 5   | 300  |
| RFFAD1.38X1.14 | 1.3/8" X 1.1/4" | 2   | 100  |
| RFFAD2.18X2    | 2.1/8" X 2"     | 1   | 80   |

Male Reducer Adaptor



| Product Code  | Size        | Bag | Box |
|---------------|-------------|-----|-----|
| RFMADRED58X12 | 5/8" X 1/2" | 25  | 500 |

# >B< MaxiPro

Air-conditioning and Refrigeration

## >B< MaxiPro Press Fittings: Join the press revolution

>B< MaxiPro is press fitting system for use with Lawton Copper Tubes for Air-Conditioning and Refrigeration applications. >B< MaxiPro fittings can be used with soft annealed, half-hard or hard Lawton Copper tube conforming to both EN-12735-1 or ASTM B-280.

>B< MaxiPro fittings provide a secure, permanent leak-proof joint which can be completed in a significantly less time than a typically brazed joint. Another big advantage to using >B< MaxiPro is that it avoids the need for a hot works permit and the risk of fire on site.

Other benefits of >B< MaxiPro include:

- **Secure, permanent leak proof jointing**
- **Time and cost saving compared to typically brazed joints**
- **No need for hot works permits**
- **No need to Nitrogen purge**

The three point press of the >B< MaxiPro fitting means that with the press each side of the bead and one compressing the O-ring meaning a very secure and permanent joint is achieved. A high quality HNBR O-ring forms a leak-free joint.

### Straight Coupler



| Product Code    | Size   | Bag | Box |
|-----------------|--------|-----|-----|
| MPA5270 0020001 | 1/4"   | 5   | 200 |
| MPA5270 0030001 | 3/8"   | 5   | 200 |
| MPA5270 0040001 | 1/2"   | 5   | 150 |
| MPA5270 0050001 | 5/8"   | 5   | 150 |
| MPA5270 0060001 | 3/4"   | 2   | 80  |
| MPA5270 0070001 | 7/8"   | 2   | 110 |
| MPA5270 0080001 | 1"     | 2   | 100 |
| MPA5270 0090001 | 1.1/8" | 2   | 80  |

### Reduced Coupler



| Product Code    | Size          | Bag | Box |
|-----------------|---------------|-----|-----|
| MPA5240 0040301 | 1/2" x 3/8"   | 2   | 150 |
| MPA5240 0050301 | 5/8" x 3/8"   | 2   | 150 |
| MPA5240 0050401 | 5/8" x 1/2"   | 2   | 120 |
| MPA5240 0060301 | 3/4" x 3/8"   | 2   | 120 |
| MPA5240 0060401 | 3/4" x 1/2"   | 2   | 120 |
| MPA5240 0060501 | 3/4" x 5/8"   | 2   | 120 |
| MPA5240 0070401 | 7/8" x 1/2"   | 2   | 100 |
| MPA5240 0070501 | 7/8" x 5/8"   | 2   | 100 |
| MPA5240 0070601 | 7/8" x 3/4"   | 2   | 100 |
| MPA5240 0090501 | 1.1/8" x 5/8" | 1   | 80  |
| MPA5240 0090601 | 1.1/8" x 3/4" | 1   | 80  |
| MPA5240 0090701 | 1.1/8" x 7/8" | 1   | 60  |

### 90 Degree Bend



|                 |        |   |     |
|-----------------|--------|---|-----|
| MPA5002 0020001 | 1/4"   | 5 | 200 |
| MPA5002 0030001 | 3/8"   | 5 | 200 |
| MPA5002 0040001 | 1/2"   | 3 | 120 |
| MPA5002 0050001 | 5/8"   | 3 | 90  |
| MPA5002 0060001 | 3/4"   | 3 | 120 |
| MPA5002 0070001 | 7/8"   | 3 | 120 |
| MPA5002 0080001 | 1"     | 2 | 80  |
| MPA5002 0090001 | 1.1/8" | 2 | 60  |



### Fitting Reducer

|                 |               |   |     |
|-----------------|---------------|---|-----|
| MPA5243 0030201 | 3/8" x 1/4"   | 2 | 150 |
| MPA5243 0040301 | 1/2" x 3/8"   | 2 | 150 |
| MPA5243 0050301 | 5/8" x 3/8"   | 2 | 150 |
| MPA5243 0050401 | 5/8" x 1/2"   | 2 | 150 |
| MPA5243 0060401 | 3/4" x 1/2"   | 2 | 120 |
| MPA5243 0060501 | 3/4" x 5/8"   | 2 | 100 |
| MPA5243 0070401 | 7/8" x 1/2"   | 2 | 80  |
| MPA5243 0070501 | 7/8" x 5/8"   | 2 | 80  |
| MPA5243 0070601 | 7/8" x 3/4"   | 2 | 80  |
| MPA5243 0090401 | 1.1/8" x 1/2" | 1 | 100 |
| MPA5243 0090501 | 1.1/8" x 5/8" | 1 | 100 |
| MPA5243 0090601 | 1.1/8" x 3/4" | 1 | 100 |
| MPA5243 0090701 | 1.1/8" x 7/8" | 1 | 100 |

### 90 Degree Street Bend



|                 |        |   |     |
|-----------------|--------|---|-----|
| MPA5001 0030001 | 3/8"   | 3 | 210 |
| MPA5001 0040001 | 1/2"   | 3 | 120 |
| MPA5001 0050001 | 5/8"   | 3 | 120 |
| MPA5001 0060001 | 3/4"   | 3 | 120 |
| MPA5001 0070001 | 7/8"   | 3 | 120 |
| MPA5001 0080001 | 1"     | 2 | 80  |
| MPA5001 0090001 | 1.1/8" | 2 | 60  |

### Equal Tee



|                 |        |   |     |
|-----------------|--------|---|-----|
| MPA5T 002020201 | 1/4"   | 3 | 150 |
| MPA5T 003030301 | 3/8"   | 3 | 150 |
| MPA5T 004040401 | 1/2"   | 3 | 150 |
| MPA5T 005050501 | 5/8"   | 2 | 120 |
| MPA5T 006060601 | 3/4"   | 2 | 80  |
| MPA5T 007070701 | 7/8"   | 2 | 70  |
| MPA5T 008080801 | 1"     | 1 | 50  |
| MPA5T 009090901 | 1.1/8" | 1 | 40  |



### 45 Degree Bend

|                 |        |   |     |
|-----------------|--------|---|-----|
| MPA5041 0020001 | 1/4"   | 3 | 180 |
| MPA5041 0030001 | 3/8"   | 3 | 180 |
| MPA5041 0040001 | 1/2"   | 3 | 120 |
| MPA5041 0050001 | 5/8"   | 3 | 120 |
| MPA5041 0060001 | 3/4"   | 3 | 120 |
| MPA5041 0070001 | 7/8"   | 3 | 120 |
| MPA5041 0080001 | 1"     | 2 | 80  |
| MPA5041 0090001 | 1.1/8" | 2 | 80  |

>B< MaxiPro comes with a 10 year guarantee against manufacturing defects when fitted by a trained and certified installer.

### Stop End



| Product Code    | Size   | Bag | Box |
|-----------------|--------|-----|-----|
| MPA5301 0020001 | 1/4"   | 3   | 180 |
| MPA5301 0030001 | 3/8"   | 3   | 180 |
| MPA5301 0040001 | 1/2"   | 3   | 150 |
| MPA5301 0050001 | 5/8"   | 2   | 150 |
| MPA5301 0060001 | 3/4"   | 2   | 150 |
| MPA5301 0070001 | 7/8"   | 2   | 150 |
| MPA5301 0080001 | 1"     | 1   | 100 |
| MPA5301 0090001 | 1.1/8" | 1   | 100 |

### Long Coupler



|                 |        |   |     |
|-----------------|--------|---|-----|
| MPA5270L0020001 | 1/4"   | 5 | 200 |
| MPA5270L0030001 | 3/8"   | 5 | 200 |
| MPA5270L0040001 | 1/2"   | 5 | 150 |
| MPA5270L0050001 | 5/8"   | 3 | 120 |
| MPA5270L0060001 | 3/4"   | 2 | 100 |
| MPA5270L0070001 | 7/8"   | 2 | 90  |
| MPA5270L0080001 | 1"     | 1 | 50  |
| MPA5270L0090001 | 1-1/8" | 1 | 40  |

### Long Repair Coupler



|                 |        |   |     |
|-----------------|--------|---|-----|
| MPA5275L0020001 | 1/4"   | 5 | 200 |
| MPA5275L0030001 | 3/8"   | 5 | 200 |
| MPA5275L0040001 | 1/2"   | 5 | 150 |
| MPA5275L0050001 | 5/8"   | 3 | 120 |
| MPA5275L0060001 | 3/4"   | 2 | 100 |
| MPA5275L0070001 | 7/8"   | 2 | 90  |
| MPA5275L0080001 | 1"     | 1 | 50  |
| MPA5275L0090001 | 1-1/8" | 1 | 40  |

### Long reduced Coupler



|                 |             |   |     |
|-----------------|-------------|---|-----|
| MPA5240L0030201 | 3/8" x 1/4" | 2 | 120 |
| MPA5240L0050301 | 5/8" x 3/8" | 2 | 120 |
| MPA5240L0080501 | 1" x 5/8"   | 1 | 60  |

### Flare Adaptor



|                 |      |   |     |
|-----------------|------|---|-----|
| MPA5285G0020201 | 1/4" | 4 | 140 |
| MPA5285G0030301 | 3/8" | 4 | 120 |
| MPA5285G0040401 | 1/2" | 2 | 60  |
| MPA5285G0050501 | 5/8" | 2 | 50  |
| MPA5285G0060601 | 3/4" | 2 | 40  |

### Complex Flare, Inox nut and Copper Washer



| Product Code    | Size | Bag | Box |
|-----------------|------|-----|-----|
| MPA5286G0020201 | 1/4" | 4   | 140 |
| MPA5286G0030301 | 3/8" | 4   | 120 |
| MPA5286G0040401 | 1/2" | 2   | 60  |
| MPA5286G0050501 | 5/8" | 2   | 50  |
| MPA5286G0060601 | 3/4" | 2   | 40  |

### Copper Washer



|                 |      |    |     |
|-----------------|------|----|-----|
| MPA5287 0020001 | 1/4" | 10 | 700 |
| MPA5287 0030001 | 3/8" | 10 | 700 |
| MPA5287 0040001 | 1/2" | 10 | 600 |
| MPA5287 0050001 | 5/8" | 10 | 400 |
| MPA5287 0060001 | 3/4" | 10 | 300 |

### Suction Line P Trap



|                 |        |   |    |
|-----------------|--------|---|----|
| MPA5698 0050001 | 5/8"   | 1 | 30 |
| MPA5698 0060001 | 3/4"   | 1 | 25 |
| MPA5698 0070001 | 7/8"   | 1 | 25 |
| MPA5698 0090001 | 1.1/8" | 1 | 20 |
| MPA5698 0110001 | 1.3/8" | 1 | 20 |
| MPA5698 0130001 | 1.5/8" | 1 | 20 |
| MPA5698 0170001 | 2.1/8" | 1 | 20 |

### Depth Gauge



|                 |               |   |    |
|-----------------|---------------|---|----|
| MPA DEPTH GAUGE | 1/4" - 1.1/8" | 1 | 40 |
|-----------------|---------------|---|----|

### Fitting Lubricant



|                |        |   |    |
|----------------|--------|---|----|
| MPABPSOIL100ML | 100 ml | 1 | 25 |
|----------------|--------|---|----|

### MaxiPro Tool & Jaw Kit





## Lawton K65

### The tube system for high pressure applications

In refrigeration, and in particular in the area of supermarket refrigeration systems, more and more ecology-oriented plant concepts are being implemented.

The modern, environment-friendly refrigerant CO<sup>2</sup> that is used here leads to high operating pressures. For these applications the new K65 tube system is available.

Tubes and fittings are made of the high-strength copper alloy K65 which has already been used with success in electrical engineering and the automotive industry. K65 allows economical installation of refrigeration systems with operating pressures up to 120 bar.

K65 has good processing properties which are similar to those of copper. K65 tubes may be brazed to K65 fittings in the traditional way. K65 fittings are manufactured by IBP Conex. Safety ensured by two well-known manufacturers K65 tubes and K65 fittings fall under a joint system guarantee that includes CO<sup>2</sup> applications up to 120 bar for the items listed.

**Easy to identify** – even after installation  
K65 tubes and fittings are marked appropriately, so that

the system components can be clearly identified at all times. In addition, the material is slightly magnetic and can easily be distinguished from copper by means of a neodymium magnet – a helpful, practical advantage.

#### Economical

The main advantage is the mechanical strength of K65. Because of the high strength of the material, the K65 product can be made with comparatively thinner walls. The light weight of tubes made of K65 means not only a saving in material, but also easier handling, for example when mounting the tubes on ceilings.



K65 Tubes for CO<sup>2</sup> Applications

| OD (inches) | 80 bar available in 6 metre lengths | 120 bar available in 6 metre lengths |
|-------------|-------------------------------------|--------------------------------------|
| 3/8"        |                                     | •                                    |
| 1/2"        | •                                   | •                                    |
| 5/8"        | •                                   | •                                    |
| 3/4"        | •                                   | •                                    |
| 7/8"        | •                                   | •                                    |
| 1.1/8"      | •                                   | •                                    |
| 1.3/8"      | •                                   | •                                    |
| 1.5/8"      | •                                   | •                                    |
| 2.1/8"      | •                                   | •                                    |

Further dimensions for industrial applications, and also for other pressures, are available according to customer specifications. Changes in surface colour are possible with this material. However, these changes are purely optical and will not affect the technical performance.





### K65 Fittings

#### K65 90 Degree Long Radius Elbow

**LAWTON**

K65

| Part Code   | Size   | Bar | Bag | Box |
|-------------|--------|-----|-----|-----|
| K65ELLR38   | 3/8"   | 120 | 5   | 100 |
| K65ELLR12   | 1/2"   | 120 | 5   | 100 |
| K65ELLR58   | 5/8"   | 120 | 5   | 100 |
| K65ELLR34   | 3/4"   | 120 | 5   | 100 |
| K65ELLR78   | 7/8"   | 120 | 5   | 100 |
| K65ELLR1.18 | 1.1/8" | 120 | 5   | 100 |
| K65ELLR1.38 | 1.3/8" | 120 | 1   | 30  |
| K65ELLR1.58 | 1.5/8" | 120 | 1   | 20  |
| K65ELLR2.18 | 2.1/8" | 120 | 1   | 10  |



#### K65 90 Degree Long Radius Street Elbow

|              |        |     |   |     |
|--------------|--------|-----|---|-----|
| K65ELLRS38   | 3/8"   | 120 | 5 | 100 |
| K65ELLRS12   | 1/2"   | 120 | 5 | 100 |
| K65ELLRS58   | 5/8"   | 120 | 5 | 100 |
| K65ELLRS34   | 3/4"   | 120 | 5 | 100 |
| K65ELLRS78   | 7/8"   | 120 | 5 | 100 |
| K65ELLRS1.18 | 1.1/8" | 120 | 5 | 100 |
| K65ELLRS1.38 | 1.3/8" | 120 | 1 | 30  |
| K65ELLRS1.58 | 1.5/8" | 120 | 1 | 20  |
| K65ELLRS2.18 | 2.1/8" | 120 | 1 | 10  |



#### K65 45 Degree Elbow

|              |        |     |   |     |
|--------------|--------|-----|---|-----|
| K65EL45/38   | 3/8"   | 120 | 5 | 100 |
| K65EL45/12   | 1/2"   | 120 | 5 | 100 |
| K65EL45/58   | 5/8"   | 120 | 5 | 100 |
| K65EL45/34   | 3/4"   | 120 | 5 | 100 |
| K65EL45/78   | 7/8"   | 120 | 5 | 100 |
| K65EL45/1.18 | 1.1/8" | 120 | 5 | 100 |
| K65EL45/1.38 | 1.3/8" | 120 | 1 | 30  |
| K65EL45/1.58 | 1.5/8" | 120 | 1 | 20  |



#### K65 45 Degree Street Elbow

|               |        |     |   |     |
|---------------|--------|-----|---|-----|
| K65ELS45/34   | 3/4"   | 120 | 5 | 100 |
| K65ELS45/78   | 7/8"   | 120 | 5 | 100 |
| K65ELS45/1.18 | 1.1/8" | 120 | 5 | 100 |
| K65ELS45/1.38 | 1.3/8" | 120 | 1 | 30  |
| K65ELS45/1.58 | 1.5/8" | 120 | 1 | 20  |



#### K65 Reducing Tee

**LAWTON**

H65

| Part Code           | Size                     | Bar | Bag | Box |
|---------------------|--------------------------|-----|-----|-----|
| K65TE12X12X38       | 1/2" x 1/2" x 3/8"       | 120 | 5   | 100 |
| K65TE12X38X38       | 1/2" x 3/8" x 3/8"       | 120 | 5   | 100 |
| K65TE58X58X38       | 5/8" x 5/8" x 3/8"       | 120 | 5   | 100 |
| K65TE58X58X12       | 5/8" x 5/8" x 1/2"       | 120 | 5   | 100 |
| K65TE58X12X12       | 5/8" x 1/2" x 1/2"       | 120 | 5   | 100 |
| K65TE34X34X58       | 3/4" x 3/4" x 5/8"       | 120 | 5   | 100 |
| K65TE34X34X12       | 3/4" x 3/4" x 1/2"       | 120 | 5   | 100 |
| K65TE78X78X12       | 7/8" x 7/8" x 1/2"       | 120 | 5   | 20  |
| K65TE78X78X58       | 7/8" x 7/8" x 5/8"       | 120 | 5   | 100 |
| K65TE78X78X34       | 7/8" x 7/8" x 3/4"       | 120 | 5   | 100 |
| K65TE1.18X1.18X34   | 1.1/8" x 1.1/8" x 3/4"   | 120 | 5   | 100 |
| K65TE1.18X1.18X78   | 1.1/8" x 1.1/8" x 7/8"   | 120 | 5   | 100 |
| K65TE1.18X78X12     | 1.1/8" x 7/8" x 1/2"     | 120 | 5   | 100 |
| K65TE1.38X1.38X34   | 1.3/8" x 1.3/8" x 3/4"   | 120 | 5   | 30  |
| K65TE1.38X1.38X78   | 1.3/8" x 1.3/8" x 7/8"   | 120 | 5   | 30  |
| K65TE1.38X1.38X1.18 | 1.3/8" x 1.3/8" x 1.1/8" | 120 | 1   | 20  |
| K65TE1.58X1.58X34   | 1.5/8" x 1.5/8" x 3/4"   | 120 | 1   | 20  |
| K65TE1.58X1.58X78   | 1.5/8" x 1.5/8" x 7/8"   | 120 | 1   | 20  |
| K65TE1.58X1.58X1.18 | 1.5/8" x 1.5/8" x 1.1/8" | 120 | 1   | 20  |
| K65TE2.18X2.18X1.58 | 2.1/8" x 2.1/8" x 1.5/8" | 120 | 1   | 15  |



#### K65 Equal Tee

|           |        |     |   |     |
|-----------|--------|-----|---|-----|
| K65TE38   | 3/8"   | 120 | 5 | 100 |
| K65TE12   | 1/2"   | 120 | 5 | 100 |
| K65TE58   | 5/8"   | 120 | 5 | 100 |
| K65TE34   | 3/4"   | 120 | 5 | 100 |
| K65TE78   | 7/8"   | 120 | 5 | 100 |
| K65TE1.18 | 1.1/8" | 120 | 5 | 100 |
| K65TE1.38 | 1.3/8" | 120 | 1 | 30  |
| K65TE1.58 | 1.5/8" | 120 | 1 | 20  |
| K65TE2.18 | 2.1/8" | 120 | 1 | 15  |



#### K65 Fitting Reducer

|                 |                 |     |   |     |
|-----------------|-----------------|-----|---|-----|
| K65RED12X38     | 1/2" X 3/8"     | 120 | 5 | 100 |
| K65RED58X38     | 5/8" X 3/8"     | 120 | 5 | 100 |
| K65RED58X12     | 5/8" X 1/2"     | 120 | 5 | 100 |
| K65RED34X38     | 3/4" X 3/8"     | 120 | 5 | 100 |
| K65RED34X12     | 3/4" X 1/2"     | 120 | 5 | 100 |
| K65RED34X58     | 3/4" X 5/8"     | 120 | 5 | 100 |
| K65RED78X38     | 7/8" X 3/8"     | 120 | 5 | 100 |
| K65RED78X12     | 7/8" X 1/2"     | 120 | 5 | 100 |
| K65RED78X58     | 7/8" X 5/8"     | 120 | 5 | 100 |
| K65RED78X34     | 7/8" X 3/4"     | 120 | 5 | 100 |
| K65RED1.18X12   | 1.1/8" X 1/2"   | 120 | 5 | 100 |
| K65RED1.18X58   | 1.1/8" X 5/8"   | 120 | 5 | 100 |
| K65RED1.18X34   | 1.1/8" X 3/4"   | 120 | 5 | 100 |
| K65RED1.18X78   | 1.1/8" X 7/8"   | 120 | 5 | 100 |
| K65RED1.38X1.18 | 1.3/8" X 1.1/8" | 120 | 1 | 60  |
| K65RED1.58X78   | 1.5/8" X 7/8"   | 120 | 1 | 30  |
| K65RED1.58X1.38 | 1.5/8" X 1.3/8" | 120 | 1 | 60  |
| K65RED2.18X1.58 | 2.1/8" X 1.5/8" | 120 | 1 | 30  |

# LAWTON

K65

## K65 Couplings



| Part Code      | Size            | Bar | Bag | Box |
|----------------|-----------------|-----|-----|-----|
| K65CP38        | 3/8"            | 120 | 5   | 100 |
| K65CP12        | 1/2"            | 120 | 5   | 100 |
| K65CP58        | 5/8"            | 120 | 5   | 100 |
| K65CP34        | 3/4"            | 120 | 5   | 100 |
| K65CP78        | 7/8"            | 120 | 5   | 100 |
| K65CP1.18      | 1.1/8"          | 120 | 5   | 100 |
| K65CP1.38      | 1.3/8"          | 120 | 5   | 60  |
| K65CP1.58      | 1.5/8"          | 120 | 5   | 30  |
| K65CP2.18      | 2.1/8"          | 120 | 5   | 30  |
| K65CP12X38     | 1/2" X 3/8"     | 120 | 5   | 100 |
| K65CP58X12     | 5/8" X 1/2"     | 120 | 5   | 100 |
| K65CP34X58     | 3/4" X 5/8"     | 120 | 5   | 100 |
| K65CP78X34     | 7/8" X 3/4"     | 120 | 5   | 100 |
| K65CP1.18X12   | 1.1/8" X 1/2"   | 120 | 5   | 100 |
| K65CP1.18X78   | 1.1/8" X 7/8"   | 120 | 5   | 100 |
| K65CP1.38X12   | 1.3/8" X 1/2"   | 120 | 1   | 60  |
| K65CP1.38X58   | 1.3/8" X 5/8"   | 120 | 1   | 60  |
| K65CP1.38X34   | 1.3/8" X 3/4"   | 120 | 1   | 60  |
| K65CP1.38X78   | 1.3/8" X 7/8"   | 120 | 1   | 60  |
| K65CP1.38X1.18 | 1.3/8" X 1.1/8" | 120 | 1   | 60  |
| K65CP1.58X34   | 1.5/8" X 3/4"   | 120 | 1   | 30  |
| K65CP1.58X78   | 1.5/8" X 7/8"   | 120 | 1   | 30  |
| K65CP1.58X1.18 | 1.5/8" X 1.1/8" | 120 | 1   | 30  |
| K65CP1.58X1.38 | 1.5/8" X 1.3/8" | 120 | 1   | 30  |
| K65CP2.18X1.58 | 2.1/8" X 1.5/8" | 120 | 1   | 30  |

## K65 End Cap



|           |        |     |   |     |
|-----------|--------|-----|---|-----|
| K65EC38   | 3/8"   | 120 | 5 | 100 |
| K65EC12   | 1/2"   | 120 | 5 | 100 |
| K65EC58   | 5/8"   | 120 | 5 | 100 |
| K65EC34   | 3/4"   | 120 | 5 | 100 |
| K65EC78   | 7/8"   | 120 | 5 | 100 |
| K65EC1.18 | 1.1/8" | 120 | 5 | 100 |
| K65EC1.38 | 1.3/8" | 120 | 5 | 60  |
| K65EC1.58 | 1.5/8" | 120 | 1 | 30  |
| K65EC2.18 | 2.1/8" | 120 | 1 | 30  |

# LAWTON

PRE-INSULATED COIL



## Class 0 Fire Rated Coil

Backed by Lawton's reputation for quality, service and customer care for over 100 years.

- Meets UK Building and Fire Safety Regulations
- Class 0 tested and passed in the UK for complete peace of mind
- Nitrile Butadiene Rubber (NBR) Class 0 rated insulation matched with Lawton Copper tube gives total product confidence
- The only Class 0 Pre-insulated Coil on the market for the UK and Ireland
- Suitable for Air Conditioning and Refrigeration applications
- Available in 20mtr coils, in both 9mm and 13mm thickness
- Easy installation. No glue, tape or messy powder
- Using pre insulated coil achieves pipework installation in less than half the time of conventional methods
- New improved profile developed for easy splitting during installation

### Pair Coil

| Part Number    | Tube Dimensions               | Insulation Thickness | Lengths | Pallet Qty (coils) |
|----------------|-------------------------------|----------------------|---------|--------------------|
| LPC1438CO-9MM  | 1/4" x 0.71mm & 3/8" x 0.81mm | 9mm (3/8")           | 20m     | 11                 |
| LPC1412CO-9MM  | 1/4" x 0.71mm & 1/2" x 0.81mm | 9mm (3/8")           | 20m     | 11                 |
| LPC1458CO-9MM  | 1/4" x 0.71mm & 5/8" x 0.91mm | 9mm (3/8")           | 20m     | 11                 |
| LPC3858CO-9MM  | 3/8" x 0.81mm & 5/8" x 0.91mm | 9mm (3/8")           | 20m     | 10                 |
| LPC1438CO-13MM | 1/4" x 0.71mm & 3/8" x 0.81mm | 13mm (1/2")          | 20m     | 11                 |
| LPC1412CO-13MM | 1/4" x 0.71mm & 1/2" x 0.81mm | 13mm (1/2")          | 20m     | 10                 |
| LPC1458CO-13MM | 1/4" x 0.71mm & 5/8" x 0.91mm | 13mm (1/2")          | 20m     | 10                 |
| LPC3858CO-13MM | 3/8" x 0.81mm & 5/8" x 0.91mm | 13mm (1/2")          | 20m     | 9                  |

### Single Coil

| Part Number    | Tube Dimensions | Insulation Thickness | Lengths | Pallet Qty (coils) |
|----------------|-----------------|----------------------|---------|--------------------|
| LIC1420CO-13MM | 1/4" x 0.71mm   | 13mm                 | 20m     | 16                 |





## Class B Fire Rated Coil

A fast and easy solution that meets the needs of Euroclass EN 13501-1 Rating of BL-s1,d0

- Backed by Lawton's reputation for quality, service and customer care for over 100 years.
- Meets European Building and Fire Safety Regulations
- PE Foam B rated insulation matched with Lawton Copper tube gives total product confidence
- Suitable for Heat Pump and Air Conditioning applications
- Available in 20mtr & 25mtr coils, in both 9mm and 13mm thickness
- Easy installation. No glue, tape or messy powder
- Using pre insulated coil achieves pipework installation in less than half the time of conventional methods
- New improved profile developed for easy splitting during installation

### Pair Coil

| Part Number    | Tube Dimensions               | Insulation Thickness | Lengths | Pallet Qty (coils) |
|----------------|-------------------------------|----------------------|---------|--------------------|
| LPC1438CB-9MM  | 1/4" x 0.71mm & 3/8" x 0.81mm | 9mm (3/8")           | 25m     | 11                 |
| LPC1412CB-9MM  | 1/4" x 0.71mm & 1/2" x 0.81mm | 9mm (3/8")           | 25m     | 11                 |
| LPC1458CB-9MM  | 1/4" x 0.71mm & 5/8" x 0.91mm | 9mm (3/8")           | 25m     | 11                 |
| LPC3858CB-9MM  | 3/8" x 0.81mm & 5/8" x 0.91mm | 9mm (3/8")           | 25m     | 10                 |
| LPC1438CB-13MM | 1/4" x 0.71mm & 3/8" x 0.81mm | 13mm (1/2")          | 20m     | 11                 |
| LPC1412CB-13MM | 1/4" x 0.71mm & 1/2" x 0.81mm | 13mm (1/2")          | 20m     | 10                 |
| LPC1458CB-13MM | 1/4" x 0.71mm & 5/8" x 0.91mm | 13mm (1/2")          | 20m     | 10                 |
| LPC3858CB-13MM | 3/8" x 0.81mm & 5/8" x 0.91mm | 13mm (1/2")          | 20m     | 9                  |





Lawton's medical product range includes:

- Straight lengths
- Fittings
- Medical Accessories



Demand Lawton's Copper for:

- Medical Gas pipelines
- Vacuum Systems
- Other medical gas equipment compliant to HTM02/01



Lawton's Medical products were used in many prestigious projects including:

- Southmead Hospital UK
- Sidra Hospital, Qatar
- King Faisal Hospital, Saudi
- Hamad Medical City, Qatar
- Cleveland Clinic, Dubai
- Square Hospital, Bangladesh
- New South Glasgow Adult Hospital, UK
- Jaber Al Ahmed Al Jaber Al Sabah Hospital, Kuwait



Demand Lawton Tubes for:

- Strength
- Quality
- Reliability





## Pipeline solutions for medical installations

At Lawton we supply kitemarked degreased copper tubes to BS EN 13348, meaning all Lawton products are regularly audited by the British Standards Institute. Straight length copper tube is available in 3m & 6m lengths. Diameters range from 12mm to 219mm, for large hospital projects. We have stocks of Lawton largest diameter tubes available for immediate despatch.

All Lawton medical tube complies with the latest National Health Service (NHS) HTM 02-01 spec.

### Specific Benefits Include:

- Specifically designed for copper medical gas and vacuum systems. Superseding earlier 'hybridised' copper tube standards such as BS EN1057 & BS 2871 Part 1 Table X quoted in HTM 2022 & NHS engineering spec. C11
- Tighter limits on cleanliness determination.
- Improved identification to avoid confusion with similar sizes of water service tube. (EN1057 spec)

- Lawton Tubes were the first British company to be awarded the kitemark licence to supply to this standard over 10 years ago.

Sizes 12 - 108mm copper tubes are stamped with:

- Tube size
- Kitemark
- EN 13348
- Temper
- Manufacturer

In addition 12mm to 28mm sizes are inkjet marked with additional data to enable traceability i.e. date and batch coded.

- Manufacturer
- Date (quarter)

67mm tubes and above are stamped at either end of the tube.

### Medical Grade Degreased Copper Tube - EN13348

Table X

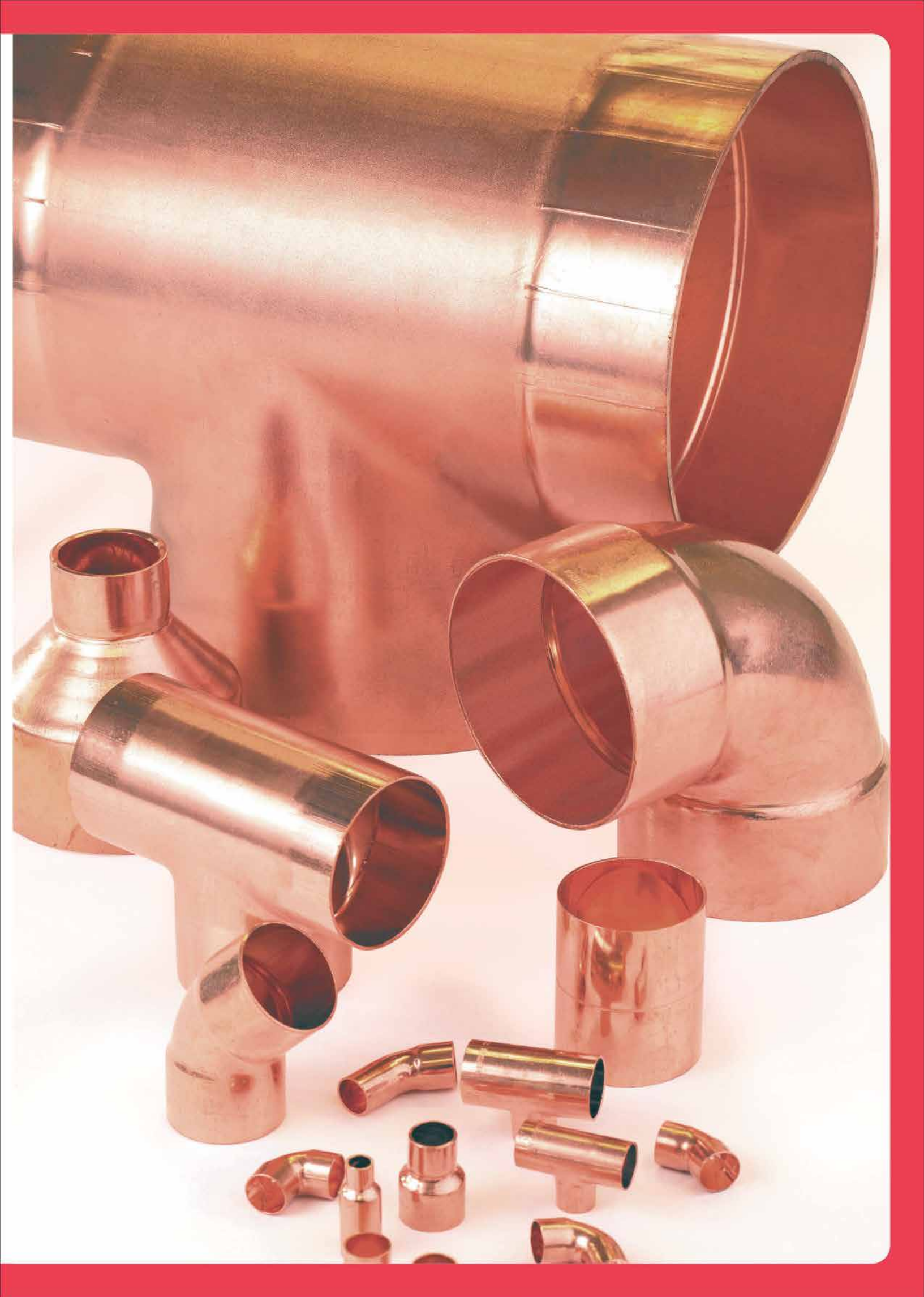
| Size     | Wall Thickness | Available Lengths |         |
|----------|----------------|-------------------|---------|
|          |                | 3 metre           | 6 metre |
| Diameter | mm             |                   |         |
| 12mm     | 0.6            | •                 | •       |
| 15mm     | 0.7            | •                 | •       |
| 22mm     | 0.9            | •                 | •       |
| 28mm     | 0.9            | •                 | •       |
| 35mm     | 1.0            | •                 | •       |
| 42mm     | 1.0            | •                 | •       |
| 54mm     | 1.0            | •                 | •       |
| 67mm     | 1.2            | •                 | •       |
| 76mm     | 1.5            | •                 | •       |
| 108mm    | 1.5            | •                 | •       |
| 133mm    | 1.5            | •                 | •       |
| 159mm    | 2.0            | •                 | •       |
| 219mm    | 3.0            |                   | •       |

Table Y

| Size     | Wall Thickness | Available Lengths |         |
|----------|----------------|-------------------|---------|
|          |                | 3 metre           | 6 metre |
| Diameter | mm             |                   |         |
| 10mm     | 0.8            |                   | •       |
| 12mm     | 0.8            |                   | •       |
| 15mm     | 1.0            | •                 | •       |
| 22mm     | 1.2            | •                 | •       |
| 28mm     | 1.2            | •                 | •       |
| 35mm     | 1.5            | •                 | •       |
| 42mm     | 1.5            | •                 | •       |
| 54mm     | 2.0            |                   | •       |
| 66.7mm   | 2.0            |                   | •       |
| 76.1mm   | 2.0            |                   | •       |
| 108mm    | 2.5            |                   | •       |







# Fittings & Accessories

Lawton's end feed fittings, manufactured to BSEN 1254-1; 1998 part 1 are seamless, one piece fittings, which makes them stronger and easier to use.

All fittings are specifically designed for copper medical gas and vacuum systems. We supply individually bagged ex-stock from 12mm up to 219mm.

Munsen rings, used as copper tube supports on ceilings and walls, are available from 12mm to 159mm in single and double M10 threads.

Munsen rings, hospital saddle brackets and male and female back plates can all be supplied in brass and chrome finishes to BS1845:1984 CP4

Silver brazing rods are available in various thicknesses and lengths, silver content can be 2%, 5% or 45% and conforms to ISO 17672:2010.

## Specific Benefits Include:

Complies to NHS (UK) Health Technical Memorandum 02/01 (HTM2022) and C11.

All fittings supplied contain less than 100mg/m<sup>2</sup> (0.01mg cm<sup>2</sup>) of hydrocarbons on the degreased surface.

Improved identification to avoid confusion with similar sizes of water service fittings.

All items ex-stock and packaging is suitable for exporting.

## End-Feed fittings BS EN 1254-1

**LAWTON**

### Fitting Reducer (FTG x C)



| Product Code | Size            | Bag | Box | Pallet |
|--------------|-----------------|-----|-----|--------|
| MEDRED0128   | 12mm x 8mm      | 1   | 900 | 27000  |
| MEDRED0158   | 15mm x 8mm      | 1   | 800 | 24000  |
| MEDRED01512  | 15mm x 12mm     | 1   | 600 | 18000  |
| MEDRED02212  | 22mm x 12mm     | 1   | 500 | 15000  |
| MEDRED02215  | 22mm x 15mm     | 1   | 400 | 12000  |
| MEDRED02815  | 28mm x 15mm     | 1   | 300 | 9000   |
| MEDRED02822  | 28mm x 22mm     | 1   | 300 | 9000   |
| MEDRED03515  | 35mm x 15mm     | 1   | 200 | 6000   |
| MEDRED03522  | 35mm x 22mm     | 1   | 200 | 6000   |
| MEDRED03528  | 35mm x 28mm     | 1   | 150 | 4500   |
| MEDRED04215  | 42mm x 15mm     | 1   | 150 | 4500   |
| MEDRED04222  | 42mm x 22mm     | 1   | 125 | 3750   |
| MEDRED04228  | 42mm x 28mm     | 1   | 125 | 3750   |
| MEDRED04235  | 42mm x 35mm     | 1   | 100 | 3000   |
| MEDRED05415  | 54mm x 15mm     | 1   | 100 | 3000   |
| MEDRED05422  | 54mm x 22mm     | 1   | 100 | 3000   |
| MEDRED05428  | 54mm x 28mm     | 1   | 100 | 3000   |
| MEDRED05435  | 54mm x 35mm     | 1   | 80  | 2400   |
| MEDRED05442  | 54mm x 42mm     | 1   | 80  | 2400   |
| MEDRED06728  | 66.7mm x 28mm   | 1   | 50  | 1500   |
| MEDRED06735  | 66.7mm x 35mm   | 1   | 50  | 1500   |
| MEDRED06742  | 66.7mm x 42mm   | 1   | 50  | 1500   |
| MEDRED06754  | 66.7mm x 54mm   | 1   | 50  | 1500   |
| MEDRED07635  | 76.1mm x 35mm   | 1   | 50  | 1500   |
| MEDRED07642  | 76.1mm x 42mm   | 1   | 40  | 1200   |
| MEDRED07654  | 76.1mm x 54mm   | 1   | 40  | 1200   |
| MEDRED07667  | 76.1mm x 66.7mm | 1   | 25  | 750    |
| MEDRED10842  | 108mm x 42mm    | 1   | 10  | 300    |
| MEDRED10854  | 108mm x 54mm    | 1   | 10  | 300    |
| MEDRED10867  | 108mm x 66.7mm  | 1   | 10  | 300    |
| MEDRED10876  | 108mm x 76.1mm  | 1   | 10  | 300    |
| MEDRED13367  | 133mm x 66.7mm  | 1   | 10  | 300    |
| MEDRED13376  | 133mm x 76.1mm  | 1   | 10  | 300    |
| MEDRED133108 | 133mm x 108mm   | 1   | 10  | 300    |
| MEDRED15976  | 159mm x 76.1mm  | 1   | 5   | 150    |
| MEDRED159108 | 159mm x 108mm   | 1   | 5   | 150    |
| MEDRED159133 | 159mm x 133mm   | 1   | 5   | 150    |
| MEDRED219159 | 219mm x 159mm   | 1   | 1   | 30     |

**LAWTON**

### Slip Coupling



| Product Code | Size | Bag | Box | Pallet |
|--------------|------|-----|-----|--------|
| MEDSC015     | 15mm | 1   | 300 | 18000  |
| MEDSC022     | 22mm | 1   | 200 | 12000  |
| MEDSC028     | 28mm | 1   | 120 | 3600   |
| MEDSC035     | 35mm | 1   | 70  | 6000   |
| MEDSC042     | 42mm | 1   | 50  | 3600   |
| MEDSC054     | 54mm | 1   | 30  | 1500   |

### Reducer Coupling (C x C)



| Product Code | Size            | Bag | Box  | Pallet |
|--------------|-----------------|-----|------|--------|
| MEDCP0128    | 12mm x 8mm      | 1   | 1000 | 30000  |
| MEDCP01210   | 12mm x 10mm     | 1   | 1000 | 30000  |
| MEDCP01510   | 15mm x 10mm     | 1   | 600  | 18000  |
| MEDCP01512   | 15mm x 12mm     | 1   | 600  | 18000  |
| MEDCP02215   | 22mm x 15mm     | 1   | 400  | 12000  |
| MEDCP02815   | 28mm x 15mm     | 1   | 300  | 9000   |
| MEDCP02822   | 28mm x 22mm     | 1   | 250  | 7500   |
| MEDCP03515   | 35mm x 15mm     | 1   | 200  | 6000   |
| MEDCP03522   | 35mm x 22mm     | 1   | 200  | 6000   |
| MEDCP03528   | 35mm x 28mm     | 1   | 150  | 4500   |
| MEDCP04215   | 42mm x 15mm     | 1   | 125  | 3750   |
| MEDCP04222   | 42mm x 22mm     | 1   | 125  | 3750   |
| MEDCP04228   | 42mm x 28mm     | 1   | 125  | 3750   |
| MEDCP04235   | 42mm x 35mm     | 1   | 125  | 3750   |
| MEDCP05422   | 54mm x 22mm     | 1   | 100  | 1800   |
| MEDCP05415   | 54mm x 15mm     | 1   | 100  | 1800   |
| MEDCP05428   | 54mm x 28mm     | 1   | 100  | 1800   |
| MEDCP05435   | 54mm x 35mm     | 1   | 80   | 1800   |
| MEDCP05442   | 54mm x 42mm     | 1   | 75   | 2250   |
| MEDCP06754   | 66.7mm x 54mm   | 1   | 40   | 1200   |
| MEDCP07635   | 76.1mm x 35mm   | 1   | 25   | 750    |
| MEDCP07667   | 76.1mm x 66.7mm | 1   | 25   | 750    |
| MEDCP07642   | 76.1mm x 42mm   | 1   | 25   | 750    |
| MEDCP07654   | 76.1mm x 54mm   | 1   | 25   | 750    |
| MEDCP10876   | 108mm x 76.1mm  | 1   | 10   | 300    |
| MEDCP159133  | 159mm x 133mm   | 1   | 5    | 150    |

## Coupling



| Product Code | Size   | Bag | Box  | Pallet |
|--------------|--------|-----|------|--------|
| MEDCP012     | 12mm   | 1   | 1000 | 30000  |
| MEDCP015     | 15mm   | 1   | 600  | 18000  |
| MEDCP022     | 22mm   | 1   | 400  | 12000  |
| MEDCP028     | 28mm   | 1   | 300  | 9000   |
| MEDCP035     | 35mm   | 1   | 200  | 6000   |
| MEDCP042     | 42mm   | 1   | 125  | 3750   |
| MEDCP054     | 54mm   | 1   | 60   | 1800   |
| MEDCP067     | 66.7mm | 1   | 40   | 1200   |
| MEDCP076     | 76.1mm | 1   | 25   | 750    |
| MEDCP108     | 108mm  | 1   | 10   | 300    |
| MEDCP133     | 133mm  | 1   | 5    | 150    |
| MEDCP159     | 159mm  | 1   | 5    | 150    |
| MEDCP219     | 219mm  | 1   | 1    | 30     |

## 45 Degree Elbow



|            |        |   |     |       |
|------------|--------|---|-----|-------|
| MEDEL01545 | 15mm   | 1 | 400 | 12000 |
| MEDEL02845 | 28mm   | 1 | 200 | 6000  |
| MEDEL02245 | 22mm   | 1 | 300 | 9000  |
| MEDEL03545 | 35mm   | 1 | 125 | 3750  |
| MEDEL04245 | 42mm   | 1 | 100 | 3000  |
| MEDEL05445 | 54mm   | 1 | 40  | 1200  |
| MEDEL06745 | 66.7mm | 1 | 20  | 600   |
| MEDEL07645 | 76.1mm | 1 | 20  | 600   |
| MEDEL10845 | 108mm  | 1 | 5   | 150   |
| MEDEL13345 | 133mm  | 1 | 3   | 90    |
| MEDEL15945 | 159mm  | 1 | 2   | 60    |
| MEDEL21945 | 219mm  | 1 | 1   | 30    |

## 45 Degree Street Elbow



|            |        |   |     |       |
|------------|--------|---|-----|-------|
| MEELS01545 | 15mm   | 1 | 400 | 12000 |
| MEELS02845 | 28mm   | 1 | 175 | 5250  |
| MEELS02245 | 22mm   | 1 | 300 | 9000  |
| MEELS03545 | 35mm   | 1 | 125 | 3750  |
| MEELS04245 | 42mm   | 1 | 100 | 3000  |
| MEELS05445 | 54mm   | 1 | 50  | 1500  |
| MEELS06745 | 66.7mm | 1 | 25  | 750   |
| MEELS07645 | 76.1mm | 1 | 20  | 600   |

## 90 Degree Elbow



|          |        |   |     |       |
|----------|--------|---|-----|-------|
| MEDEL012 | 12mm   | 1 | 600 | 18000 |
| MEDEL015 | 15mm   | 1 | 400 | 12000 |
| MEDEL022 | 22mm   | 1 | 300 | 9000  |
| MEDEL028 | 28mm   | 1 | 200 | 6000  |
| MEDEL035 | 35mm   | 1 | 125 | 3750  |
| MEDEL042 | 42mm   | 1 | 70  | 2100  |
| MEDEL054 | 54mm   | 1 | 40  | 1200  |
| MEDEL067 | 66.7mm | 1 | 20  | 600   |
| MEDEL076 | 76.1mm | 1 | 20  | 600   |
| MEDEL108 | 108mm  | 1 | 5   | 150   |
| MEDEL133 | 133mm  | 1 | 2   | 60    |
| MEDEL159 | 159mm  | 1 | 2   | 60    |
| MEDEL219 | 219mm  | 1 | 1   | 30    |

## 90 Degree Street Elbow



|          |      |   |     |       |
|----------|------|---|-----|-------|
| MEELS012 | 12mm | 1 | 500 | 15000 |
| MEELS015 | 15mm | 1 | 400 | 12000 |
| MEELS022 | 22mm | 1 | 300 | 9000  |
| MEELS028 | 28mm | 1 | 150 | 4500  |
| MEELS035 | 35mm | 1 | 125 | 3750  |
| MEELS042 | 42mm | 1 | 80  | 2400  |
| MEELS054 | 54mm | 1 | 40  | 1200  |

## 90 Degree Reducing Elbow



| Product Code | Size        | Bag | Box | Pallet |
|--------------|-------------|-----|-----|--------|
| MEDEL02215   | 22mm x 15mm | 1   | 400 | 12000  |

## Long Radius Elbow



|            |        |   |    |     |
|------------|--------|---|----|-----|
| MEDELLR067 | 66.7mm | 1 | 10 | 300 |
| MEDELLR076 | 76.1mm | 1 | 5  | 150 |
| MEDELLR108 | 108mm  | 1 | 3  | 90  |

## Reducing Tee



|               |                          |   |     |       |
|---------------|--------------------------|---|-----|-------|
| MEDTE0151212  | 15mm x 12mm x 12mm       | 1 | 500 | 15000 |
| MEDTE0151512  | 15mm x 15mm x 12mm       | 1 | 500 | 15000 |
| MEDTE0151522  | 15mm x 15mm x 22mm       | 1 | 250 | 7500  |
| MEDTE0221515  | 22mm x 15mm x 15mm       | 1 | 250 | 7500  |
| MEDTE0221522  | 22mm x 15mm x 22mm       | 1 | 250 | 7500  |
| MEDTE0222212  | 22mm x 22mm x 12mm       | 1 | 250 | 7500  |
| MEDTE0222215  | 22mm x 22mm x 15mm       | 1 | 250 | 7500  |
| MEDTE0281515  | 28mm x 15mm x 15mm       | 1 | 200 | 6000  |
| MEDTE0282215  | 28mm x 22mm x 15mm       | 1 | 200 | 6000  |
| MEDTE0282222  | 28mm x 22mm x 22mm       | 1 | 175 | 5250  |
| MEDTE0282228  | 28mm x 22mm x 28mm       | 1 | 150 | 4500  |
| MEDTE0282815  | 28mm x 28mm x 15mm       | 1 | 150 | 4500  |
| MEDTE0282822  | 28mm x 28mm x 22mm       | 1 | 150 | 4500  |
| MEDTE0351535  | 35mm x 15mm x 35mm       | 1 | 100 | 3000  |
| MEDTE0352222  | 35mm x 22mm x 22mm       | 1 | 125 | 3750  |
| MEDTE0352235  | 35mm x 22mm x 35mm       | 1 | 100 | 3000  |
| MEDTE0352815  | 35mm x 28mm x 15mm       | 1 | 100 | 3000  |
| MEDTE0352822  | 35mm x 28mm x 22mm       | 1 | 100 | 3000  |
| MEDTE0352828  | 35mm x 28mm x 28mm       | 1 | 100 | 3000  |
| MEDTE0352835  | 35mm x 28mm x 35mm       | 1 | 80  | 2400  |
| MEDTE0353515  | 35mm x 35mm x 15mm       | 1 | 125 | 3750  |
| MEDTE0353522  | 35mm x 35mm x 22mm       | 1 | 125 | 3750  |
| MEDTE0353528  | 35mm x 35mm x 28mm       | 1 | 100 | 3000  |
| MEDTE0421542  | 42mm x 15mm x 42mm       | 1 | 50  | 1500  |
| MEDTE0422242  | 42mm x 22mm x 42mm       | 1 | 50  | 1500  |
| MEDTE0422828  | 42mm x 28mm x 28mm       | 1 | 80  | 2400  |
| MEDTE0422842  | 42mm x 28mm x 42mm       | 1 | 50  | 1500  |
| MEDTE0423528  | 42mm x 35mm x 28mm       | 1 | 70  | 2100  |
| MEDTE0423535  | 42mm x 35mm x 35mm       | 1 | 50  | 1500  |
| MEDTE0423542  | 42mm x 35mm x 42mm       | 1 | 50  | 1500  |
| MEDTE0424215  | 42mm x 42mm x 15mm       | 1 | 80  | 2400  |
| MEDTE0424222  | 42mm x 42mm x 22mm       | 1 | 80  | 2400  |
| MEDTE0424228  | 42mm x 42mm x 28mm       | 1 | 60  | 1800  |
| MEDTE0424235  | 42mm x 42mm x 35mm       | 1 | 50  | 1500  |
| MEDTE0544242  | 54mm x 42mm x 42mm       | 1 | 35  | 1050  |
| MEDTE0544254  | 54mm x 42mm x 54mm       | 1 | 25  | 750   |
| MEDTE0545415  | 54mm x 54mm x 15mm       | 1 | 50  | 1500  |
| MEDTE0545422  | 54mm x 54mm x 22mm       | 1 | 40  | 1200  |
| MEDTE0545428  | 54mm x 54mm x 28mm       | 1 | 40  | 1200  |
| MEDTE0545435  | 54mm x 54mm x 35mm       | 1 | 40  | 1200  |
| MEDTE0545442  | 54mm x 54mm x 42mm       | 1 | 40  | 1200  |
| MEDTE0676728  | 66.7mm x 66.7mm x 28mm   | 1 | 25  | 750   |
| MEDTE0676735  | 66.7mm x 66.7mm x 35mm   | 1 | 15  | 450   |
| MEDTE0676742  | 66.7mm x 66.7mm x 42mm   | 1 | 15  | 450   |
| MEDTE0676754  | 66.7mm x 66.7mm x 54mm   | 1 | 15  | 450   |
| MEDTE0767628  | 76.1mm x 76.1mm x 28mm   | 1 | 20  | 600   |
| MEDTE0767635  | 76.1mm x 76.1mm x 35mm   | 1 | 15  | 450   |
| MEDTE0767642  | 76.1mm x 76.1mm x 42mm   | 1 | 15  | 450   |
| MEDTE0767654  | 76.1mm x 76.1mm x 54mm   | 1 | 10  | 300   |
| MEDTE0767667  | 76.1mm x 76.1mm x 66.7mm | 1 | 10  | 300   |
| MEDTE10810835 | 108mm x 108mm x 35mm     | 1 | 5   | 150   |
| MEDTE10810842 | 108mm x 108mm x 42mm     | 1 | 5   | 150   |
| MEDTE10810854 | 108mm x 108mm x 54mm     | 1 | 5   | 150   |

## Reducing Tee



| Product Code   | Size                   | Bag | Box | Pallet |
|----------------|------------------------|-----|-----|--------|
| MEDTE10810867  | 108mm x 108mm x 66.7mm | 1   | 5   | 150    |
| MEDTE10810876  | 108mm x 108mm x 76.1mm | 1   | 5   | 150    |
| MEDTE13313354  | 133mm x 133mm x 54mm   | 1   | 2   | 60     |
| MEDTE133133108 | 133mm x 133mm x 108mm  | 1   | 2   | 60     |
| MEDTE15915954  | 159mm x 159mm x 54mm   | 1   | 1   | 30     |
| MEDTE15915976  | 159mm x 159mm x 76.1mm | 1   | 2   | 60     |
| MEDTE159159108 | 159mm x 159mm x 108mm  | 1   | 2   | 60     |
| MEDTE159159133 | 159mm x 159mm x 133mm  | 1   | 1   | 30     |

## Equal Tee



|          |        |   |     |       |
|----------|--------|---|-----|-------|
| MEDTE012 | 12mm   | 1 | 600 | 18000 |
| MEDTE015 | 15mm   | 1 | 400 | 12000 |
| MEDTE022 | 22mm   | 1 | 200 | 6000  |
| MEDTE028 | 28mm   | 1 | 140 | 4200  |
| MEDTE035 | 35mm   | 1 | 80  | 2400  |
| MEDTE042 | 42mm   | 1 | 50  | 1500  |
| MEDTE054 | 54mm   | 1 | 25  | 750   |
| MEDTE067 | 66.7mm | 1 | 15  | 450   |
| MEDTE076 | 76.1mm | 1 | 10  | 300   |
| MEDTE108 | 108mm  | 1 | 4   | 120   |
| MEDTE133 | 133mm  | 1 | 2   | 60    |
| MEDTE159 | 159mm  | 1 | 1   | 30    |
| MEDTE219 | 219mm  | 1 | 1   | 18    |

## End Cap



|          |        |   |     |       |
|----------|--------|---|-----|-------|
| MEDEC015 | 15mm   | 1 | 600 | 18000 |
| MEDEC022 | 22mm   | 1 | 400 | 12000 |
| MEDEC028 | 28mm   | 1 | 300 | 9000  |
| MEDEC035 | 35mm   | 1 | 250 | 7500  |
| MEDEC042 | 42mm   | 1 | 200 | 6000  |
| MEDEC054 | 54mm   | 1 | 100 | 3000  |
| MEDEC067 | 66.7mm | 1 | 50  | 1500  |
| MEDEC076 | 76.1mm | 1 | 50  | 1500  |
| MEDEC108 | 108mm  | 1 | 20  | 600   |
| MEDEC133 | 133mm  | 1 | 10  | 300   |
| MEDEC159 | 159mm  | 1 | 10  | 300   |

## Soldering and Brazing Solutions

### Silver Solder (Braze Rod)



| Product Code    | Size                    | %   | Type        |
|-----------------|-------------------------|-----|-------------|
| SOL-ZERO        | 1.27mm X 3.18mm X 508mm | 0   | Round       |
| SOL-S2.0AG0.2   | 2.0mm X 500mm           | 0.2 | Square      |
| SOL-S1.5AG5     | 1.5mm X 500mm           | 5   | Round       |
| SOL-S1.5AG45    | 1.5mm X 500mm           | 45  | Round       |
| SOL-S1.5AG40FC  | 1.5mm X 500mm           | 40  | Flux Coated |
| SOL-S1.5AG40    | 1.5mm X 500mm           | 40  | Round       |
| SOL-S1.5AG55    | 1.5mm X 500mm           | 55  | Round       |
| SOL-S2.0AG2     | 2.0mm X 500mm           | 5   | Round       |
| SOL-S2.0AG5     | 2.0mm X 500mm           | 2   | Round       |
| SOL-S2.5AG6     | 2.5mm X 500mm           | 6   | Round       |
| SOL-S2.5AG5     | 2.5mm X 500mm           | 5   | Round       |
| SOL-S2.AG15     | 2.5mm X 500mm           | 15  | Round       |
| SOL-S2.5AG45    | 2.5mm X 500mm           | 45  | Round       |
| SOL-S2.5AG15(6) | 2.5mm X 600mm           | 15  | Round       |
| SOL-S3.0AG2     | 3.0mm X 500mm           | 2   | Round       |
| SOL-S3.0AG5     | 3.0mm X 500mm           | 5   | Round       |

## Brass Munsen Rings

### Single Munsen Ring



| Product Code | Size  | Thread | Bag | Box  |
|--------------|-------|--------|-----|------|
| MUN012       | 12mm  | M10    | 100 | 1000 |
| MUN015       | 15mm  | M10    | 100 | 900  |
| MUN022       | 22mm  | M10    | 50  | 700  |
| MUN028       | 28mm  | M10    | 50  | 450  |
| MUN035       | 35mm  | M10    | 50  | 300  |
| MUN042       | 42mm  | M10    | 25  | 250  |
| MUN054       | 54mm  | M10    | 25  | 150  |
| MUN067       | 67mm  | M10    | 10  | 110  |
| MUN076       | 76mm  | M10    | 10  | 80   |
| MUN108       | 108mm | M10    | 5   | 50   |
| MUN133       | 133mm | M10    | 5   | 20   |
| MUN159       | 159mm | M10    | 3   | 15   |

### Double Munsen Ring



|         |       |     |     |     |
|---------|-------|-----|-----|-----|
| MUND015 | 15mm  | M10 | 100 | 800 |
| MUND022 | 22mm  | M10 | 100 | 600 |
| MUND028 | 28mm  | M10 | 50  | 400 |
| MUND035 | 35mm  | M10 | 25  | 200 |
| MUND042 | 42mm  | M10 | 25  | 150 |
| MUND054 | 54mm  | M10 | 25  | 100 |
| MUND067 | 67mm  | M10 | 10  | 60  |
| MUND076 | 76mm  | M10 | 10  | 50  |
| MUND108 | 108mm | M10 | 1   | 25  |

### Hospital Bracket



|         |      |     |    |     |
|---------|------|-----|----|-----|
| MUNS015 | 15mm | M10 | 50 | 400 |
| MUNS022 | 22mm | M10 | 50 | 300 |
| MUNS028 | 28mm | M10 | 25 | 200 |
| MUNS035 | 35mm | M10 | 25 | 150 |
| MUNS042 | 42mm | M10 | 25 | 100 |
| MUNS054 | 54mm | M10 | 25 | 50  |

### Female Backplate



|          |      |     |     |      |
|----------|------|-----|-----|------|
| MUNBF010 | 10mm | M10 | 100 | 1500 |
|----------|------|-----|-----|------|

### Male Backplate



|          |      |     |     |      |
|----------|------|-----|-----|------|
| MUNBM010 | 10mm | M10 | 100 | 1000 |
|----------|------|-----|-----|------|

### Copper Saddle Bracket



|         |      |     |      |
|---------|------|-----|------|
| EFSB015 | 15mm | 100 | 1200 |
| EFSB022 | 22mm | 100 | 600  |
| EFSB028 | 28mm | 50  | 500  |



### Medical ID Tape

| Product | Description    | Product | Description        |
|---------|----------------|---------|--------------------|
| IDVAC   | Medical Vacuum | IDCO2   | Carbon Dioxide     |
| IDO2    | Oxygen         | IDARR   | Direction Arrow    |
| IDNOX   | Entonox        | IDAGS   | Aggs               |
| IDN2O   | Nitrous Oxide  | IDA7    | Surgical Air 7 Bar |
| IDN     | Nitrogen       | IDA4    | Medical Air 4 Bar  |
| IDEX    | Exhaust        |         |                    |





# LAWTON

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