

# LAWTON

TUBES

The nation's copper specialist



## Product Catalogue Version VIII



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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

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# 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

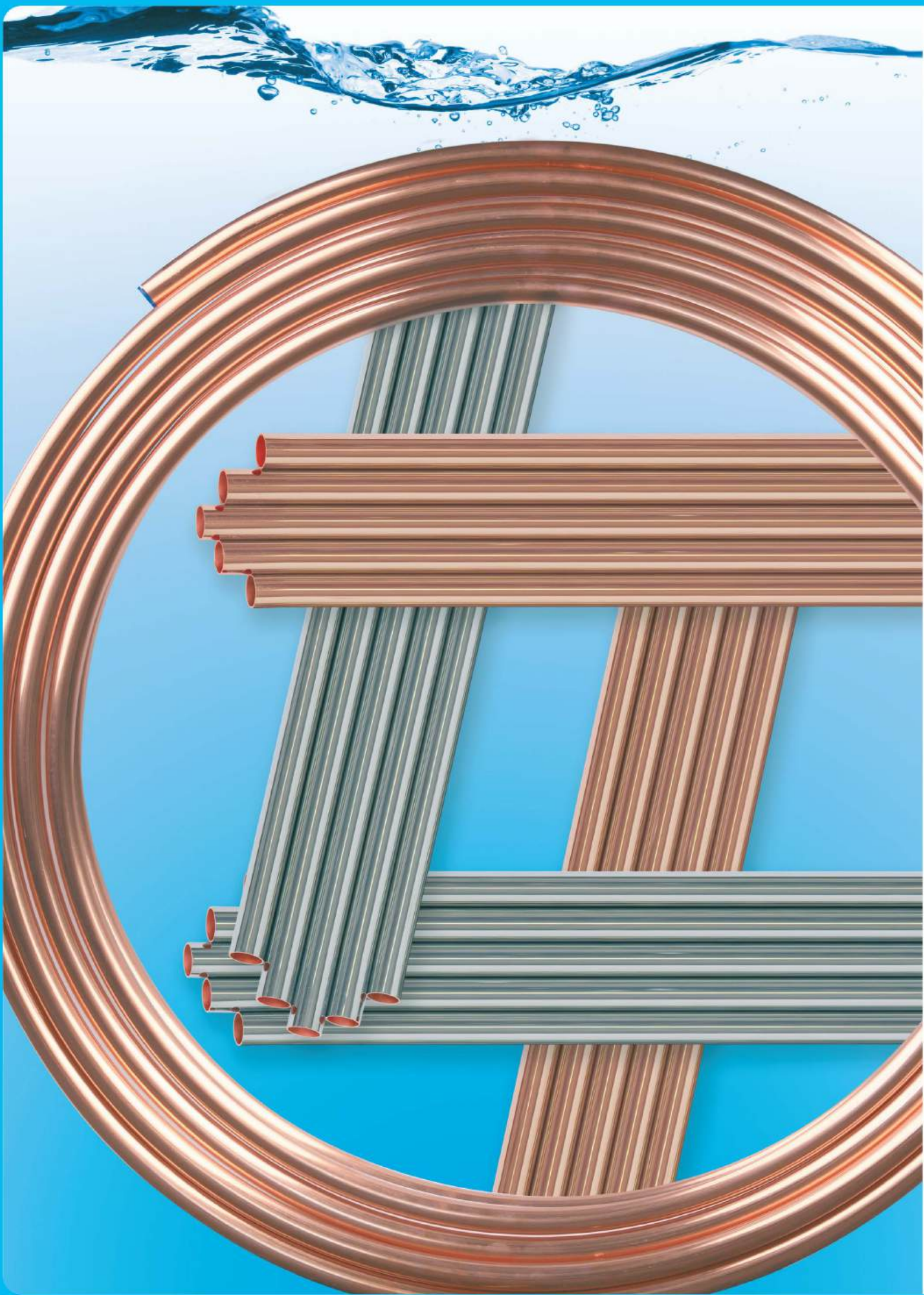
Lawton's Plumbing and Heating products were used in many prestigious projects including:

- 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 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 8

Size OD (mm)	Temper Hardness	Wall (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 (mm)	Temper Hardness	Wall (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 9

Size OD (mm)	Temper Hardness	Wall (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**  
CHROME

Size OD (mm)	Temper Hardness	Wall (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 10

Size OD (mm)	Temper Hardness	Wall (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 11

Size OD (mm)	Temper Hardness	Wall (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 at each end.

\* 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**  
COILS

Size (mm)	Temper Hardness	Wall (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**  
COILS

Size (mm)	Temper Hardness	Wall (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**  
COILS

Size (mm)	Temper Hardness	Wall (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**  
COILS

Size (mm)	Temper Hardness	Wall (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



# 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



### Straight Coupler



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



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
PFCPFI03511/4	35mm x 1 1/4"	1	60
PFCPFI04211/2	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
PFCPMI03511/4	35mm x 1 1/4"	1	60
PFCPMI04211/2	42mm x 1 1/2"	1	40
PFCPMI0542	54mm x 2"	1	25

### 90 Degree Elbow



Part Code	Size	Bag	Box
PFEL015	15mm x 90	10	220
PFEL022	22mm x 90	10	120
PFEL028	28mm x 90	5	80
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



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



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

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

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

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**

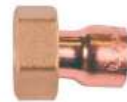

EFELS015	15mm	25	1400
EFELS022	22mm	10	450
EFELS028	28mm	10	240
EFELS035	35mm	1	125
EFELS042	42mm	1	80
EFELS054	54mm	1	50

**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
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### 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
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Male Elbow



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

**LAWTON**  
COMPRESSION

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

**LAWTON**  
COMPRESSION

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



COMRELO2215	22mm x 15mm	10	140
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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
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45° Elbow



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

## LAWTON

COMPRESSION

### 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

## LAWTON

COMPRESSION

### 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



## LAWTON

COMPRESSION

### Crossover Tee



Part Code	Size	Bag	Box
COMCR022	22mm	10	60
COMCR028	28mm	10	30
COMCR015	15mm	10	100

### 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	15mmx1/2"	10	250
COMSTC0153/4	15mmx3/4"	10	250

### Bent Tap Connector



COMBTC0151/2	15mm x 1/2"	10	TBC
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## 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

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"

**LAWTON**  
ACCESSORIES



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	50	450
MUNDC022-1/4	22mm	50	400
MUNDTC028-1/4	28mm	25	300
MUNDTC035-1/4	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
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Two Piece Saddle Band - Chrome



EFSB2PC015	15mm	100	1000
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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

Male Backplate



Part Code	Size	Bag	Box
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Male Backplate - Chrome plated

MUNBMC010-M10	10mm	100	1000
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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



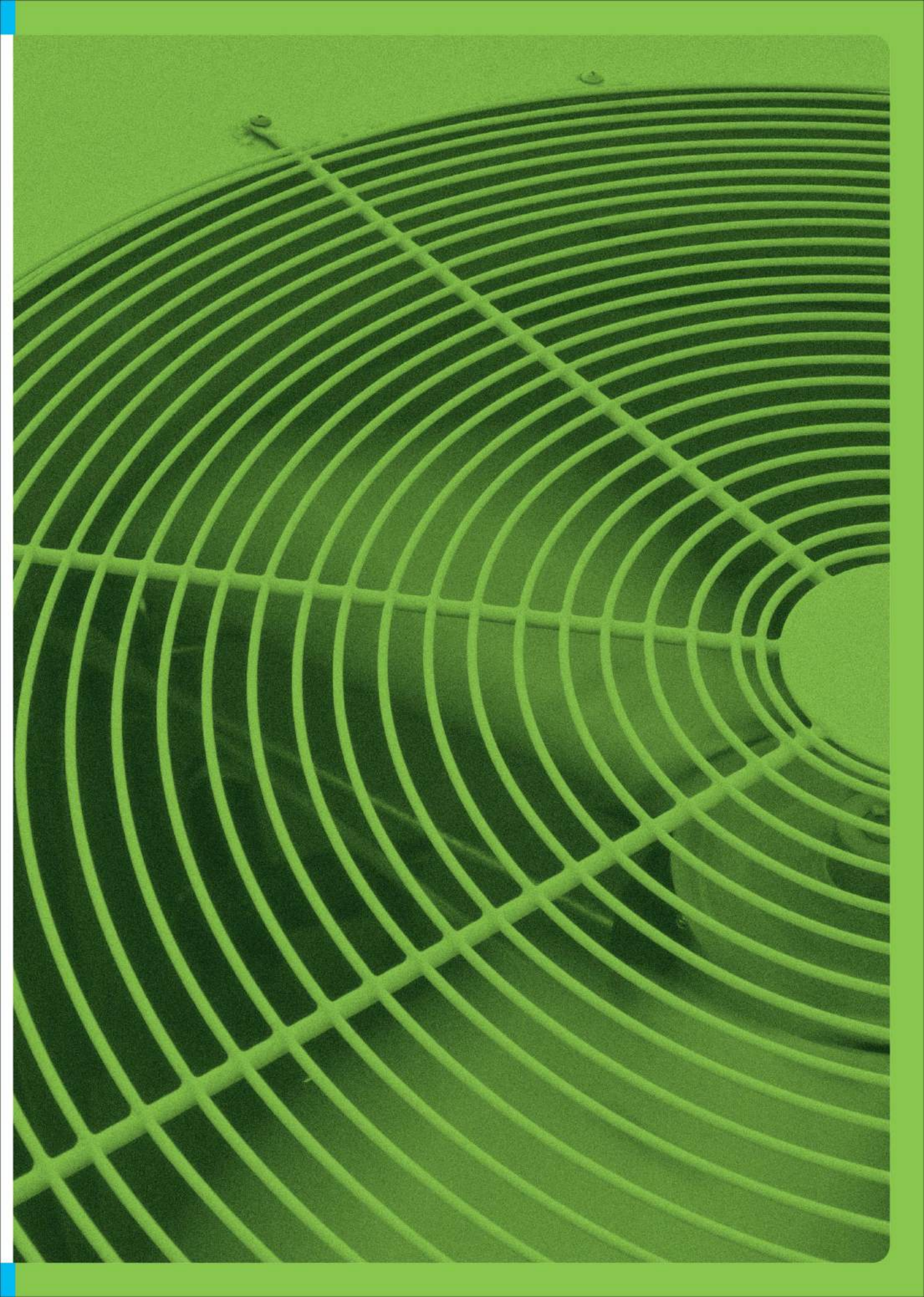
Product Code	Size	%	Box
SOL-LF3.0	3.0mm 500G Lead-Free		20
SOL-L3.0	3.0mm 500G Leaded		20

Flux for Soft Soldering



Product Code	Flux	Box
SOL-FLF113	Flux 113G (4 Oz) With Brush	90
SOL-FLF453	Flux 453G (16 Oz)	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 refridgeration installations.
- CO<sup>2</sup> supermarket refridgeration.
- 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 sector is a demanding one, so demand Lawton Tubes.





Copper Straight Tube EN 12735-1



Size OD (inches)	Temper	Wall (inches)	Gauge (SWG)	Available in Lengths (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
3/4"	R250	0.048	18	-	1
	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
	R250	0.080	14	1	1
1.3/8"	R250	0.048	18	1	1
	R250	0.064	16	1	1
	R250	0.080	14	1	1
	R250	0.104	12	-	1
1.5/8"	R250	0.048	18	1	1
	R250	0.064	16	1	1
	R250	0.080	14	1	1
	R250	0.104	12	-	1
	R250	0.116	11	-	1
2.1/8"	R250	0.048	18	1	1
	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 (inches)	Temper	Wall (inches)	Gauge (SWG)	Available in (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

**LAWTON**  
ACR FITTINGS

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

**LAWTON**  
ACR FITTINGS

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**  
RFR 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**  
RFR 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**  
RHC 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

RFPC316	3/16"	100	5000
RFPC14	1/4"	100	5000
RFPC516	5/16"	100	5000
RFPC38	3/8"	100	5000
RFPC12	1/2"	100	3000
RFPC58	5/8"	50	2000
RFPC34	3/4"	50	900
RFPC78	7/8"	50	500
RFPC1.18	1.1/8"	20	300
RFPC1.38	1.3/8"	10	200
RFPC1.58	1.5/8"	10	100
RFPC2.18	2.1/8"	5	60
RFPC2.58	2.5/8"	2	40
RFPC3.18	3.1/8"	2	32
RFPC3.58	3.5/8"	1	15
RFPC4.18	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**  
PCR 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**  
PCR 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 (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-S2.5AG15	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



Product Code	Size	Bag	Box
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

Product Code	Size	Bag	Box
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



Product Code	Size	Bag	Box
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



Product Code	Size	Bag	Box
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

Product Code	Size	Bag	Box
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
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### Fitting Lubricant



MPABPSOIL100ML	100 ml	1	25
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### 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

**LAWTON**

H65

#### K65 90 Degree Long Radius Elbow



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



## 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



## 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





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 HTMO2/01



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, and we have large 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 20 years ago.

### Sizes 12-108mm copper tubes are stamped with:

- Tube size
- Kitemark
- EN13348
- 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		
10mm	0.6	•	•
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		
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 BS EN 1254-1:2021 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, re 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.

Silver brazing rods are available in various thicknesses and lengths, silver content can be 2%, 5%, or 45% and conforms to BS EN 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 decreased 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**  
MED FITTINGS

#### 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**  
MED FITTINGS

#### 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-S2.5AG15	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

**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
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**Male Backplate**



MUNBM010	10mm	M10	100	1000
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**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	IDC02	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		