

Press Technical Data Sheet



The Lawton Press Gas range is available in sizes from 15-54mm. Perfect for heat-free installation in family 2 and family 3 fuel gas systems; this innovative product comes with an unbeatable 30-year warranty, showcasing our commitment to quality and reliability.



Lawton Press Gas Fittings	15-54mm
Applications	Family 2 and Family 3 fuel gas systems
Market Segmentation	Domestic and Commercial

Materials:	Copper and DZR brass (CW602N)
Sealing:	HNBR - yellow
Press Configuration:	M-Profile
Maximum Operating Pressure (Gas):	5 bar - outdoors, 1 bar - indoors
Maximum Operating Pressure (Negative Pressure):	>0.2 bar
Ambient Temperature Range:	-20°C to 70°C
Dimensions:	See website
Product Marking:	Size, LTC logo, EN 1254
Warranty:	30-years (see website for T&Cs)
Electrical Continuity:	Yes
Thread Specification:	Male - ISO 7/EN 10226-01 Female - BS EN ISO 228
Assembly Instructions:	See website
Features:	No solder required No hot works permits needed Leak before press indicator - yellow For safety purposes - no leak before press o-ring
Standard:	EN 1254 - 7

Copper Tube Compatibility:

Copper Tube to BS EN 1057 - Tempers are R250 (half hard, can be bent) or R290 (hard, cannot be bent).

Outer Diameter	0.7mm Wall	0.9mm	1.0mm	1.2mm	1.5mm
15mm	R250 R290		R250 R290		
22mm		R250 R290		R250 R290	
28mm		R250 R290		R250 R290	
35mm			R290	R250 R290	R290
42mm			R290	R250 R290	R290
54mm				R290	

Dissimilar metals:

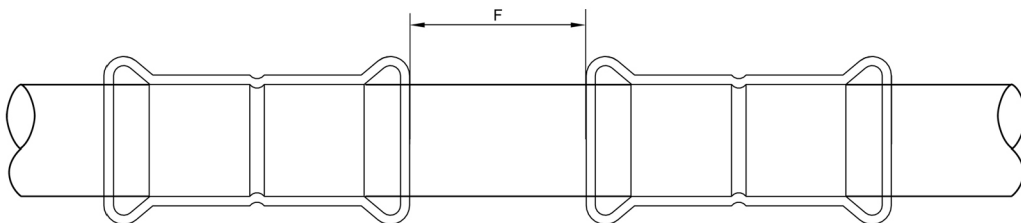
Installations containing mixed metals are generally to be avoided. Metals that are not close to each other on the galvanic scale can corrode when connected directly together.

If dissimilar metals are required in the same system, we recommend the Gas Safety (Installation and use) Regulation 1998 is adhered to.

Distance between fittings:

It is recommended to maintain a minimum distance between each fitting, to account for the deformation of the tube profile when pressed. This also applies to localised annealing.

F = Clearance between fitting ends.



Tube Size	Minimum Clearance F (mm)
15mm	5
22mm	5
28mm	5
35mm	10
42mm	15
54mm	20

For more details, please refer to our website or contact us by email at technical@lawtontubes.co.uk