



Class 0 Fire Rated Pre-Insulated Coil

A fast and easy solution that meets the needs of UK Building Regulations.

- 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

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Pair Coil

| Part Number | Product Description | Tube Dimensions | Temper | Insulation Thickness | Lengths | Pallet Qty (coils) | Kgs per Coil |
|-------------|--|-------------------------------|--------|----------------------|---------|--------------------|--------------|
| O1001 | 9mm Lawton Pair Coil Class 0 Fire Rated | 1/4" x 0.71mm & 3/8" x 0.81mm | Soft | 9mm (3/8") | 20m | 11 | 6.45 |
| O1002 | 9mm Lawton Pair Coil Class 0 Fire Rated | 1/4" x 0.71mm & 1/2" x 0.81mm | Soft | 9mm (3/8") | 20m | 11 | 7.22 |
| O1003 | 9mm Lawton Pair Coil Class 0 Fire Rated | 1/4" x 0.71mm & 5/8" x 0.91mm | Soft | 9mm (3/8") | 20m | 11 | 9.32 |
| O1004 | 9mm Lawton Pair Coil Class 0 Fire Rated | 3/8" x 0.81mm & 5/8" x 0.91mm | Soft | 9mm (3/8") | 20m | 10 | 10.93 |
| O1005 | 13mm Lawton Pair Coil Class 0 Fire Rated | 1/4" x 0.71mm & 3/8" x 0.81mm | Soft | 13mm (1/2") | 20m | 11 | 6.48 |
| O1006 | 13mm Lawton Pair Coil Class 0 Fire Rated | 1/4" x 0.71mm & 1/2" x 0.81mm | Soft | 13mm (1/2") | 20m | 10 | 7.25 |
| O1007 | 13mm Lawton Pair Coil Class 0 Fire Rated | 1/4" x 0.71mm & 5/8" x 0.91mm | Soft | 13mm (1/2") | 20m | 10 | 9.36 |
| O1008 | 13mm Lawton Pair Coil Class 0 Fire Rated | 3/8" x 0.81mm & 5/8" x 0.91mm | Soft | 13mm (1/2") | 20m | 9 | 10.98 |

Single Coil

| Part Number | Product Description | Tube Dimensions | Temper | Insulation Thickness | Lengths | Pallet Qty (coils) | Kgs per Coil |
|-------------|---|-----------------|--------|----------------------|---------|--------------------|--------------|
| O1009 | 13mm Lawton Insulation Class 0 Fire Rated | 1/4" x 0.71mm | Soft | 13mm | 20m | 16 | 2.24 |

Insulation Properties

| Material | Thermal Conductivity to ASTM C518 | Density | Working Temperature | Vapour Barrier to ASTM C209 | Fungal Growth | Environmental |
|---|-----------------------------------|--------------------|-----------------------|-----------------------------|---------------|--|
| Highly flexible Closed Cell NBR Foam insulation in 9mm & 13mm | 0.036 W/mK at 20deg C | 40kg/m3 to 70kg/m3 | -50deg C to +105deg C | >7000 | NIL | CFC Free, Zero ODP, Zero GWP. Corrosion resistant, dust and fibre free |

Fire Performance

| Surface Spread of Flames | Fire Propagation | Fire Performance According to Building Regulations | Practical Fire Behaviour |
|-------------------------------|--|--|--|
| Class 1 Tested to BS476 Part7 | Total Index Performance (I) ≤ 12 Sub Index (i1) ≤ 6 | Class 0 Tested to BS476 Part 6 | Self-Extinguishing, does not drip & does not spread flames |
| Pass | | Pass | |