

# Copper & Lagging, Brazing & Gas

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## Refrigeration Copper Straight Lengths

Part No	Description	OD	Gauge	Length
<b>GMCU12</b>	Half Hard Copper	3/8"	21g	3mt
<b>GMCU12L</b>	Half Hard Copper	3/8"	21g	<b>6mt</b>
<b>GMCU13</b>	Half Hard Copper	1/2"	20g	3mt
<b>GMCU13L</b>	Half Hard Copper	1/2"	20g	<b>6mt</b>
<b>GMCU14</b>	Half Hard Copper	5/8"	20g	3mt
<b>GMCU14L</b>	Half Hard Copper	5/8"	20g	<b>6mt</b>
<b>GMCU15</b>	Half Hard Copper	3/4"	19g	3mt
<b>GMCU15L</b>	Half Hard Copper	3/4"	19g	<b>6mt</b>
<b>GMCU16</b>	Half Hard Copper	7/8"	18g	3mt
<b>GMCU16L</b>	Half Hard Copper	7/8"	18g	<b>6mt</b>
<b>GMCU17</b>	Half Hard Copper	1-1/8"	18g	3mt
<b>GMCU17F</b>	Half Hard Copper	1-1/8"	<b>16g</b>	3mt
<b>GMCU17L</b>	Half Hard Copper	1-1/8"	18g	<b>6mt</b>
<b>GMCU17FL</b>	Half Hard Copper	1-1/8"	<b>16g</b>	<b>6mt</b>
<b>GMCU18</b>	Half Hard Copper	1-3/8"	18g	3mt
<b>GMCU18F</b>	Half Hard Copper	1-3/8"	<b>16g</b>	3mt
<b>GMCU18L</b>	Half Hard Copper	1-3/8"	18g	<b>6mt</b>
<b>GMCU18FL</b>	Half Hard Copper	1-3/8"	<b>16g</b>	<b>6mt</b>
<b>GMCU19</b>	Half Hard Copper	1-5/8"	18g	3mt
<b>GMCU19F</b>	Half Hard Copper	1-5/8"	<b>16g</b>	3mt
<b>GMCU19L</b>	Half Hard Copper	1-5/8"	18g	<b>6mt</b>

**3mt  
&  
6mt**



• All copper conforms to PED and relevant EN British standards - EN12735-1 R220.

## 6 Metre Own Van Deliveries

- Large stocks of 6mt copper, available for next day delivery to site or stores on our own transport
- Due to some unique modifications to our delivery vehicles, we can ensure your stock will arrive dry and in pristine condition, every time!



Refrigeration Copper Coils

- All copper conforms to PED and relevant EN British standards - EN12735-1 R220.

Part No	Description	OD	Gauge	Length
GMCU6	Soft Copper Coil	3/4"	22g	15mt
GMCU1	Soft Copper Coil	3/4"	22g	30mt
GMCU7	Soft Copper Coil	3/8"	21g	15mt
GMCU2	Soft Copper Coil	3/8"	21g	30mt
GMCU8	Soft Copper Coil	1/2"	21g	15mt
GMCU3	Soft Copper Coil	1/2"	21g	30mt
GMCU9	Soft Copper Coil	5/8"	20g	15mt
GMCU4	Soft Copper Coil	5/8"	20g	30mt
GMCU10	Soft Copper Coil	3/4"	19g	15mt
GMCU5	Soft Copper Coil	3/4"	19g	30mt
GMCU11	Soft Copper Coil	3/8"	19g	15mt
GMCU26	Soft Copper Coil	3/8"	19g	30mt



Soft Copper Coil Pipe Straighteners



- For straightening copper tube
- Efficient, hand held tool
- Fast, simple, straight alignment of copper coils

Part No	Description	Size
GMP514	Pipe Straightener	3/4"
GMP538	Pipe Straightener	3/8"
GMP512	Pipe Straightener	3/8"

Pipework Identification Labels



- Add the perfect finishing touch to every install. Simply peel off and wrap-around your lagged pipes to clearly mark up each BC Box connection
- Printed on a durable material, simply write on the refrigerant type, location of the fan coil or other I.D. information
- Printed 'System No's 1-16'

Part No	Description	Qty/Pk
GMPID	Pipework Identification Labels	pk 16

Pre-Lagged Copper Pair Coils



Part No	Description	Pipe Sizes	Wall Size
GMLPC1438C09	20mt Pair Coil	3/4" & 3/8"	9mm
GMLPC1438C013	20mt Pair Coil	3/4" & 3/8"	13mm

Pre-Lagged Copper Pair Coils



Part No	Description	Pipe Sizes	Wall Size
GMLPC1412C09	20mt Pair Coil	3/4" & 1/2"	9mm
GMLPC1412C013	20mt Pair Coil	3/4" & 1/2"	13mm

Pre-Lagged Copper Pair Coils



Part No	Description	Pipe Sizes	Wall Size
GMLPC1458C09	20mt Pair Coil	3/4" & 3/8"	9mm
GMLPC1458C013	20mt Pair Coil	3/4" & 3/8"	13mm

Pre-Lagged Copper Pair Coils



Part No	Description	Pipe Sizes	Wall Size
GMLPC3858C09	20mt Pair Coil	3/8" & 3/8"	9mm
GMLPC3858C013	20mt Pair Coil	3/8" & 3/8"	13mm

- Backed by Lawton's reputation for quality, service and customer care for over 100 years
- Meets UK Building and Fire Safety Regulations
- Class O tested and passed in the UK for complete peace of mind
- Nitrile Butadiene Rubber (NBR) Class O rated insulation matched with Lawton Copper tube gives total product confidence
- Suitable for Air Conditioning and Refrigeration applications
- Easy installation. No glue, tape or messy powder
- Using pre insulated coils achieves pipework installation in less time than conventional methods
- Unique profile developed for easy splitting during installation

**LAWTON**  
TUBES



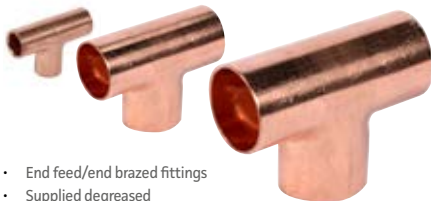
## Straight Connectors



- End feed/end brazed fittings
- Supplied degreased

Part No	Description	Size
<b>GMCF0</b>	Straight Connector	¼"
<b>GMCF1</b>	Straight Connector	⅜"
<b>GMCF2</b>	Straight Connector	½"
<b>GMCF3</b>	Straight Connector	⅝"
<b>GMCF4</b>	Straight Connector	¾"
<b>GMCF5</b>	Straight Connector	⅞"
<b>GMCF6</b>	Straight Connector	1-⅜"
<b>GMCF7</b>	Straight Connector	1-⅝"
<b>GMCF8</b>	Straight Connector	1-⅞"

## Equal Tees



- End feed/end brazed fittings
- Supplied degreased

Part No	Description	Size
<b>GMCF29</b>	Equal Tee	¼"
<b>GMCF30</b>	Equal Tee	⅜"
<b>GMCF31</b>	Equal Tee	½"
<b>GMCF32</b>	Equal Tee	⅝"
<b>GMCF33</b>	Equal Tee	¾"
<b>GMCF34</b>	Equal Tee	⅞"
<b>GMCF35</b>	Equal Tee	1-⅜"
<b>GMCF36</b>	Equal Tee	1-⅝"
<b>GMCF37</b>	Equal Tee	1-⅞"

## 45° Bends C - C



- End feed/end brazed fittings
- Supplied degreased
- Copper tube to copper tube

Part No	Description	Size
<b>GMCF20</b>	45° Bend C-C	⅜"
<b>GMCF21</b>	45° Bend C-C	½"
<b>GMCF22</b>	45° Bend C-C	⅝"
<b>GMCF23</b>	45° Bend C-C	¾"
<b>GMCF24</b>	45° Bend C-C	⅞"
<b>GMCF25</b>	45° Bend C-C	1-⅜"
<b>GMCF26</b>	45° Bend C-C	1-⅝"
<b>GMCF27</b>	45° Bend C-C	1-⅞"

## Reducing Couplings C - C



- End feed/end brazed fittings
- Supplied degreased
- Copper tube to copper tube

Part No	Description	Tube OD
<b>GMCF40</b>	Reducing Coupling C-C	⅜" - ¼"
<b>GMCF41</b>	Reducing Coupling C-C	½" - ⅜"
<b>GMCF239</b>	Reducing Coupling C-C	⅝" - ⅜"
<b>GMCF42</b>	Reducing Coupling C-C	¾" - ½"
<b>GMCF241</b>	Reducing Coupling C-C	¾" - ½"
<b>GMCF43</b>	Reducing Coupling C-C	¾" - ⅝"
<b>GMCF242</b>	Reducing Coupling C-C	⅞" - ⅜"
<b>GMCF243</b>	Reducing Coupling C-C	⅞" - ½"
<b>GMCF244</b>	Reducing Coupling C-C	⅞" - ⅝"
<b>GMCF44</b>	Reducing Coupling C-C	⅞" - ¾"
<b>GMCF246</b>	Reducing Coupling C-C	1-⅜" - ⅝"
<b>GMCF247</b>	Reducing Coupling C-C	1-⅜" - ¾"
<b>GMCF45</b>	Reducing Coupling C-C	1-⅜" - ⅞"
<b>GMCF249</b>	Reducing Coupling C-C	1-⅜" - ¾"
<b>GMCF250</b>	Reducing Coupling C-C	1-⅜" - ⅞"
<b>GMCF46</b>	Reducing Coupling C-C	1-⅜" - 1-⅝"
<b>GMCF252</b>	Reducing Coupling C-C	1-⅜" - ⅞"
<b>GMCF253</b>	Reducing Coupling C-C	1-⅜" - 1-⅝"
<b>GMCF47</b>	Reducing Coupling C-C	1-⅜" - 1-⅝"

## End Caps



- End feed/end brazed fittings
- Supplied degreased
- Used for capping off copper tube

Part No	Description	Size
<b>GMCF76</b>	End Cap	⅜"
<b>GMCF60</b>	End Cap	½"
<b>GMCF61</b>	End Cap	⅝"
<b>GMCF62</b>	End Cap	¾"
<b>GMCF63</b>	End Cap	⅞"
<b>GMCF64</b>	End Cap	1-⅜"
<b>GMCF65</b>	End Cap	1-⅝"
<b>GMCF66</b>	End Cap	1-⅞"

## Fitting Reducers F - C



- End feed/end brazed fittings
- Supplied degreased
- Copper fitting to copper tube

Part No	Description	Tube OD
<b>GMCF188</b>	Fitting Reducer F-C	⅜" - ¼"
<b>GMCF189</b>	Fitting Reducer F-C	½" - ⅜"
<b>GMCF190</b>	Fitting Reducer F-C	½" - ⅝"
<b>GMCF191</b>	Fitting Reducer F-C	⅝" - ⅜"
<b>GMCF192</b>	Fitting Reducer F-C	⅝" - ½"
<b>GMCF193</b>	Fitting Reducer F-C	¾" - ⅜"
<b>GMCF194</b>	Fitting Reducer F-C	¾" - ½"
<b>GMCF195</b>	Fitting Reducer F-C	¾" - ⅝"
<b>GMCF196</b>	Fitting Reducer F-C	⅞" - ⅜"
<b>GMCF197</b>	Fitting Reducer F-C	⅞" - ½"
<b>GMCF198</b>	Fitting Reducer F-C	⅞" - ⅝"
<b>GMCF199</b>	Fitting Reducer F-C	⅞" - ¾"
<b>GMCF201</b>	Fitting Reducer F-C	1-⅜" - ⅝"
<b>GMCF202</b>	Fitting Reducer F-C	1-⅜" - ¾"
<b>GMCF203</b>	Fitting Reducer F-C	1-⅜" - ⅞"
<b>GMCF204</b>	Fitting Reducer F-C	1-⅜" - ⅝"
<b>GMCF205</b>	Fitting Reducer F-C	1-⅜" - ¾"
<b>GMCF206</b>	Fitting Reducer F-C	1-⅜" - ⅞"
<b>GMCF207</b>	Fitting Reducer F-C	1-⅜" - 1-⅝"
<b>GMCF208</b>	Fitting Reducer F-C	1-⅜" - ¾"
<b>GMCF209</b>	Fitting Reducer F-C	1-⅜" - ⅞"
<b>GMCF210</b>	Fitting Reducer F-C	1-⅜" - 1-⅝"

## 90° Long Radius Elbows C - C



- End feed/end brazed fittings
- Supplied degreased
- Copper tube to copper tube

Part No	Description	Size
<b>GMCF9</b>	90° Long Radius Elbow C-C	¼"
<b>GMCF10</b>	90° Long Radius Elbow C-C	⅜"
<b>GMCF11</b>	90° Long Radius Elbow C-C	½"
<b>GMCF12</b>	90° Long Radius Elbow C-C	⅝"
<b>GMCF13</b>	90° Long Radius Elbow C-C	¾"
<b>GMCF14</b>	90° Long Radius Elbow C-C	⅞"
<b>GMCF15</b>	90° Long Radius Elbow C-C	1-⅜"
<b>GMCF16</b>	90° Long Radius Elbow C-C	1-⅝"
<b>GMCF17</b>	90° Long Radius Elbow C-C	1-⅞"

## 90° Long Radius Street Elbows F - C



- End feed/end brazed fittings
- Supplied degreased
- Copper fitting to copper tube

Part No	Description	Size
<b>GMCF144</b>	90° Long Radius Street Elbow F-C	1-⅜"
<b>GMCF145</b>	90° Long Radius Street Elbow F-C	1-⅝"
<b>GMCF146</b>	90° Long Radius Street Elbow F-C	1-⅞"

## 90° Short Radius Elbows C-C



- End feed/end brazed fitting
- Supplied degreased
- Copper tube to copper tube

Part No	Description	Size
<b>GMCF296</b>	90° Short Radius Elbow C-C	1 ⅜"
<b>GMCF297</b>	90° Short Radius Elbow C-C	1 ⅝"
<b>GMCF298</b>	90° Short Radius Elbow C-C	1 ⅞"

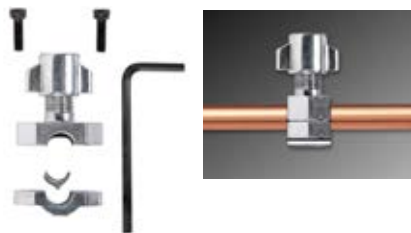
## Flare Nuts



- Manufactured from brass
- Used for making flare connections

Part No	Description	Size
<b>GMCF50</b>	Short Flare Nut	¼"
<b>GMCF51</b>	Short Flare Nut	¾"
<b>GMCF52</b>	Short Flare Nut	½"
<b>GMCF53</b>	Short Flare Nut	¾"
<b>GMCF54</b>	Short Flare Nut	¾"
<b>GMFN03</b>	Flare Nut Oil	118ml

## Line Tap Valve



- The quick, safe & easy option to change, discharge & test a line
- The line tap valve is a quick & effective tool for piercing ¼" & ⅜" tube & pipework

Part No	Description	Size Range
<b>GM4338</b>	Line Tap Valve	¼" & ⅜"

## Charging Stub



- c/w ¼" copper tail
- c/w Schrader valve

Part No	Description	Size	Qty/Pk
<b>GMSU04-10</b>	Charging Stub	¼" MFL	pk 10

## Flare Unions



- Manufactured from brass
- Used when making flare connections

Part No	Description	Size
<b>GMCF55</b>	Male Flare Union	¼"
<b>GMCF56</b>	Male Flare Union	⅜"
<b>GMCF57</b>	Male Flare Union	½"
<b>GMCF58</b>	Male Flare Union	¾"
<b>GMCF59</b>	Male Flare Union	¾"

## Valve Core Remover/Installer



- Sturdy ball valve design controls refrigerant flow with 1/4 turn of the valve lever.
- Lever position also gives visual indication of whether valve is opened or closed
- ¾" service port

Part No	Description	Qty/Pk
<b>GM3930</b>	Valve Core Remover	Each

## Charging Stub for R410a



- Compatible with R410a or R32
- c/w ¼" copper tail
- c/w Schrader valve

Part No	Description	Size	Qty/Pk
<b>GMSU05</b>	Charging Stub	⅜" MFL	Each

## P Traps



- Degreased copper end feed/end brazed
- Manufactured to ASME B16.22-2001

Part No	Description	Size
<b>GMCF110</b>	Copper P Trap	½"
<b>GMCF111</b>	Copper P Trap	¾"
<b>GMCF112</b>	Copper P Trap	¾"
<b>GMCF113</b>	Copper P Trap	1-⅜"

## P Traps - Also Compatible with Pressfit

- These P Traps have plain copper tails that can be crimped directly onto, making them pressfit compatible

Part No	Description	Size	Qty/Pk
<b>GMZL911</b>	Pressfit P traps	½"	Each
<b>GMZL912</b>	Pressfit P traps	¾"	Each
<b>GMZL913</b>	Pressfit P traps	¾"	Each
<b>GMZL914</b>	Pressfit P traps	¾"	Each
<b>GMZL915</b>	Pressfit P traps	1¾"	Each
<b>GMZL916</b>	Pressfit P traps	1¾"	Each



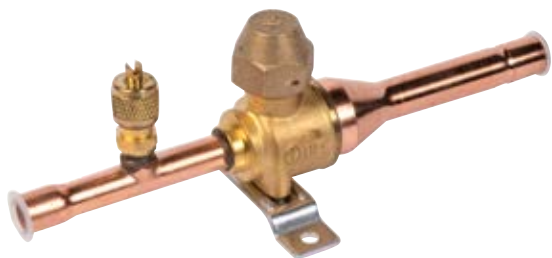
## Y Joints - Also Compatible with Pressfit

- These Y Joints have plain copper tails which makes them pressfit compatible

Part No	Description	Size	Qty/Pk
<b>GMZL917</b>	Pressfit Y Joints	¾"	Each
<b>GMZL918</b>	Pressfit Y Joints	½"	Each
<b>GMZL919</b>	Pressfit Y Joints	¾"	Each
<b>GMZL920</b>	Pressfit Y Joints	¾"	Each
<b>GMZL921</b>	Pressfit Y Joints	¾"	Each
<b>GMZL922</b>	Pressfit Y Joints	1¾"	Each
<b>GMZL923</b>	Pressfit Y Joints	1¾"	Each



### Ball Valves c/w Access Ports



- c/w access port Schrader valve
- Quick turn knob
- End feed/end brazed fittings
- Supplied degreased

Part No	Description	Size
<b>GMCF118</b>	Ball Valve c/w Access Port	3/8"
<b>GMCF119</b>	Ball Valve c/w Access Port	1/2"
<b>GMCF120</b>	Ball Valve c/w Access Port	3/4"

Part No	Description	Size
<b>GMCF121</b>	Ball Valve c/w Access Port	3/4"
<b>GMCF122</b>	Ball Valve c/w Access Port	7/8"
<b>GMCF123</b>	Ball Valve c/w Access Port	1-3/8"

### Ball Valves c/w Schrader - Also Compatible with Pressfits



- Ball Valves with Schraders are part of our range of ancillary products for press fitting. These have plain copper tails which makes them press fit compatible

Part No	Description	Size	Qty/Pk
<b>GMZL924</b>	Pressfit Ball Valve	3/4"	Each
<b>GMZL925</b>	Pressfit Ball Valve	3/4"	Each
<b>GMZL926</b>	Pressfit Ball Valve	1/2"	Each
<b>GMZL927</b>	Pressfit Ball Valve	3/8"	Each

Part No	Description	Size	Qty/Pk
<b>GMZL928</b>	Pressfit Ball Valve	3/4"	Each
<b>GMZL929</b>	Pressfit Ball Valve	7/8"	Each
<b>GMZL930</b>	Pressfit Ball Valve	1 1/8"	Each
<b>GMZL931</b>	Pressfit Ball Valve	1 3/8"	Each

### Liquid Line Sight Glasses



- Designed to determine the moisture content of a system's refrigerant.
- Has a unique high accuracy moisture indicator for CFC, HCFC, and HFC refrigerants.
- End feed/end brazed fittings
- Supplied degreased
- Single indicator for all common refrigerants

Part No	Description	Size
<b>GM3MF</b>	Liquid Line Sight Glass	3/8"
<b>GM4MF</b>	Liquid Line Sight Glass	1/2"

### Liquid Line Sight Glass - Flare



- Designed to determine the moisture content of a system's refrigerant
- Has a unique high accuracy moisture indicator for CFC, HCFC, and HFC refrigerants.
- Supplied with 3/8" SAE male flare thread connections
- Supplied degreased
- Single indicator for all common refrigerants

Part No	Description	Size
<b>GMSG38F</b>	Liquid Line Sight Glass - Flare	3/8"

### Liquid Line Filter Driers



- Designed for general protection and cleaning of refrigeration systems
- For use with HCFC's, CFC's and the lubricants that go with them
- High moisture, acids and dirt removal capacity
- With male thread flare connections

Part No	Description	Size
<b>GM052F</b>	Liquid Line Drier - Flare	3/4"
<b>GM083F</b>	Liquid Line Drier - Flare	3/8"
<b>GM164F</b>	Liquid Line Drier - Flare	1/2"
<b>GM415F</b>	Liquid Line Drier - Flare	3/8"

### Liquid Line Filter Driers - Also Compatible with Pressfit



- These have plain copper tails that can be crimped directly onto, making them pressfit compatible

Part No	Description	Size	Qty/Pk
<b>GMZL909</b>	Liquid Line Filter Drier	3/8"	Each
<b>GMZL910</b>	Liquid Line Filter Drier	1/2"	Each



2mt Lengths Class 'O' Lagging 3/8" Wall



3/8"  
(9mm)  
Wall

- Comes in short, manageable 2mt lengths
- Perfect for lagging straight lengths of copper
- Box quantity varies according to insulation size

Part No	Description	Pipe Size	Wall Size	Lengths/Box
GMEU13	2mt Straights	1/4"(6mm)	3/8"	176
GMEU14	2mt Straights	3/8"(10mm)	3/8"	140
GMEU15	2mt Straights	1/2"(12mm)	3/8"	120
GMEU16	2mt Straights	3/4"(15mm)	3/8"	96
GMEU17	2mt Straights	1"(20mm)	3/8"	78
GMEU41	2mt Straights	1-1/8"(22mm)	3/8"	70
GMEU42	2mt Straights	1-3/8"(28mm)	3/8"	49
GMEU43	2mt Straights	1-3/4"(35mm)	3/8"	42
GMEU44	2mt Straights	1-3/4"(42mm)	3/8"	30

2mt Lengths Class 'O' Lagging 1/2" Wall



1/2"  
(13mm)  
Wall

Part No	Description	Pipe Size	Wall Size	Lengths/Box
GMEU18	2mt Straights	1/4"(6mm)	1/2"	113
GMEU19	2mt Straights	3/8"(10mm)	1/2"	94
GMEU20	2mt Straights	1/2"(12mm)	1/2"	81
GMEU21	2mt Straights	3/4"(15mm)	1/2"	68
GMEU22	2mt Straights	1"(20mm)	1/2"	56
GMEU23	2mt Straights	1-1/8"(22mm)	1/2"	52
GMEU24	2mt Straights	1-3/8"(28mm)	1/2"	39
GMEU25	2mt Straights	1-3/4"(35mm)	1/2"	30
GMEU26	2mt Straights	1-3/4"(42mm)	1/2"	28

2mt Lengths Class 'O' Lagging 3/4" Wall



3/4"  
(19mm)  
Wall

Part No	Description	Pipe Size	Wall Size	Lengths/Box
GMEU70	2mt Straights	3/8"(10mm)	3/4"	52
GMEU71	2mt Straights	1/2"(12mm)	3/4"	46
GMEU72	2mt Straights	3/4"(15mm)	3/4"	39
GMEU73	2mt Straights	1"(20mm)	3/4"	35
GMEU74	2mt Straights	1-1/8"(22mm)	3/4"	32
GMEU75	2mt Straights	1-3/8"(28mm)	3/4"	25
GMEU76	2mt Straights	1-3/4"(35mm)	3/4"	20
GMEU77	2mt Straights	1-3/4"(42mm)	3/4"	16

Armaflex Class 'O' Insulation

- Including - 2mt Lengths, 15mt Bagged Coils & Boxed Coils
- Built-in anti-microbial protection inhibits the growth of mould and bacteria
- Offers an effective additional line of defence against the growth of microbes
- Anti-microbial agents provide protection for the life of the insulation
- Built-in vapour barrier prevents condensation
- Reduce energy losses up to 87%
- Excellent resistance to the effects of ozone, oil and chemicals

Class 'O' Insulation for Barrier Pipe



- For 25mm Barrier Pipe

Part No	Description	Pipe Size	Wall Size	Lengths/Box
GMEUH1325	2mt Straights	25mm	1/2"	42

Bagged Coils Class 'O' Lagging 3/8" Wall



3/8"  
(9mm)  
Wall

- Perfect for lagging copper coils

Part No	Description	Pipe Size	Wall Size	Coils/Box
GMEU50	15mt Coils	1/4"(6mm)	3/8"	12
GMEU51	15mt Coils	3/8"(10mm)	3/8"	10
GMEU52	15mt Coils	1/2"(12mm)	3/8"	9
GMEU53	15mt Coils	3/4"(15mm)	3/8"	9
GMEU54	15mt Coils	1"(20mm)	3/8"	7
GMEU55	15mt Coils	1-1/8"(22mm)	3/8"	6
GMEU56	15mt Coils	1-3/8"(28mm)	3/8"	5

Bagged Coils Class 'O' Lagging 1/2" Wall



1/2"  
(13mm)  
Wall

Part No	Description	Pipe Size	Wall Size	Coils/Box
GMEU58	15mt Coils	1/4"(6mm)	1/2"	9
GMEU59	15mt Coils	3/8"(10mm)	1/2"	7
GMEU60	15mt Coils	1/2"(12mm)	1/2"	6
GMEU61	15mt Coils	3/4"(15mm)	1/2"	6
GMEU62	15mt Coils	1"(20mm)	1/2"	6
GMEU63	15mt Coils	1-1/8"(22mm)	1/2"	5
GMEU64	15mt Coils	1-3/8"(28mm)	1/2"	4



**Boxed Coils Class 'O' Lagging 3/8" Wall**



Part No	Description	Pipe Size	Wall Size	Metres/Box
GMEU1	Boxed Coils	3/4"(6mm)	3/8"	70mt
GMEU2	Boxed Coils	3/4"(10mm)	3/8"	50mt
GMEU3	Boxed Coils	1/2"(12mm)	3/8"	45mt
GMEU4	Boxed Coils	3/8"(15mm)	3/8"	40mt
GMEU5	Boxed Coils	3/4"(20mm)	3/8"	34mt
GMEU80	Boxed Coils	3/8"(22mm)	3/8"	30mt
GMEU81	Boxed Coils	1-3/8"(28mm)	3/8"	26mt

**PVC Coated Weatherproof Lagging**



- PVC Coated External Grade Insulation
- External pipework needs to be insulated in a tough PVC coated weather protected covering to avoid UV degradation and animal damage.

Part No	Description	Pipe Size	Wall Size
GMVI18	PVC Coated 2mt Straights	3/4"(6mm)	1/2"
GMVI19	PVC Coated 2mt Straights	3/8"(10mm)	1/2"
GMVI20	PVC Coated 2mt Straights	1/2"(12mm)	1/2"
GMVI21	PVC Coated 2mt Straights	3/8"(15mm)	1/2"
GMVI22	PVC Coated 2mt Straights	3/4"(20mm)	1/2"
GMVI23	PVC Coated 2mt Straights	3/8"(22mm)	1/2"
GMVI24	PVC Coated 2mt Straights	1-3/8"(28mm)	1/2"
GMVI25	PVC Coated 2mt Straights	1-3/8"(35mm)	1/2"

**Boxed Coils Class 'O' Lagging 1/2" Wall**



Part No	Description	Pipe Size	Wall Size	Metres/Box
GMEU6	Boxed Coils	3/4"(6mm)	1/2"	45mt
GMEU7	Boxed Coils	3/8"(10mm)	1/2"	35mt
GMEU8	Boxed Coils	1/2"(12mm)	1/2"	32mt
GMEU9	Boxed Coils	3/8"(15mm)	1/2"	32mt
GMEU10	Boxed Coils	3/4"(20mm)	1/2"	28mt
GMEU11	Boxed Coils	3/8"(22mm)	1/2"	26mt
GMEU12	Boxed Coils	1-3/8"(28mm)	1/2"	20mt

**Class 'O' Lagging for Barrier Pipe**

Part No	Description	Pipe Size	Wall Size	Metres/Box
GMEUC1325	Boxed Coils	1"(25mm)	1/2"	20mt

**PVC Coated Weatherproof Lagging**



- PVC Coated External Grade Insulation
- External pipework needs to be insulated in a tough PVC coated weather protected covering to avoid UV degradation and animal damage.

Part No	Description	Pipe Size	Wall Size
GMVI74	PVC Coated 2mt Straights	3/8"(22mm)	3/4"
GMVI75	PVC Coated 2mt Straights	1-3/8"(28mm)	3/4"
GMVI76	PVC Coated 2mt Straights	1-3/8"(35mm)	3/4"

**Weatherproof Lagging for Barrier Pipe**

Part No	Description	Pipe Size	Wall Size
GMVIH1325	PVC Coated 2mt Straights	1"(25mm)	1/2"

**2mt Lengths Ultima Lagging 3/8" Wall**



- The first elastomer product with minimal smoke development (10x less smoke than the standard product)
- For sustainable construction (free from brominated flame retardants)
- Based on the patented Armaprene technology
- Specifically developed to create an insulation material that produces minimal smoke when burnt. (Euroclass B/BL - s1, d0)

Part No	Description	Pipe Size	Wall Size	Lengths/Box
GMUL15	2mt Straights	1/2"(12mm)	3/8"	96
GMUL16	2mt Straights	3/8"(15mm)	3/8"	90

**2mt Lengths Ultima Lagging 1/2" Wall**



- The first elastomer product with minimal smoke development (10x less smoke than the standard product)
- For sustainable construction (free from brominated flame retardants)
- Based on the patented Armaprene technology
- Specifically developed to create an insulation material that produces minimal smoke when burnt. (Euroclass B/BL - s1, d0)

Part No	Description	Pipe Size	Wall Size	Lengths/Box
GMUL18	2mt Straights	3/4"(6mm)	1/2"	82
GMUL19	2mt Straights	3/8"(10mm)	1/2"	70
GMUL20	2mt Straights	1/2"(12mm)	1/2"	65
GMUL21	2mt Straights	3/8"(15mm)	1/2"	56

**Ultima Lagging Tape**



- Specifically designed for use in joining the Ultima insulation

Part No	Description	Size
GMUL30	Ultima Lagging Tape	3mm x 50mm x 15mt



**THE FLEXIBLE TECHNICAL INSULATION**  
MATERIAL WITH EXTREMELY LOW SMOKE DENSITY  
Self-extinguishing, does not drip nor spread flames

**Armaflex®  
Ultima**



Lagging Tapes

**STÖRNCH**



Part No	Description	Size	Qty/Box
GMEU30	STÖRNCH Lagging Tape	3mm x 50mm x 15mt	12
GMEU35	Armaflex Lagging Tape	3mm x 50mm x 15mt	12

- A closed cell Nitrile butadiene rubber blend with a high-strength acrylic adhesive on one side, reinforced with a scrim backing
- Excellent for applications in taping joints on Class '0' pipe insulation, along with the surfaces of seaming parts for tubes and rolls to reinforce the insulation systems
- Provides a fast and easy insulating method which can be conveniently applied on both irregular surfaces and in narrow working spaces

Armaflex Lagging Adhesive



Armaflex adhesive recommended for every joint

- c/w application brush

Part No	Description	Size
GMEU31	Armaflex Adhesive	250ml



- Armaflex 520 Adhesive is a thin yellow glue for use with Armaflex insulation
- Specially formulated to create uniform and safe bonding of seams and butt joints, and for sticking Armaflex to clean metal surfaces
- Easy to apply, and fast drying; speeding up the installation
- The wide spanning temperatures that this adhesive can withstand, makes it suitable for a range of commercial and industrial applications

Armafinish Lagging Paint



- This coating is particularly suitable for the protection of Armaflex flexible thermal insulation materials against attack by sunlight, UV, radiation and chemicals
- The coating, when fully cured, maintains the flexibility, resistance to water vapour and fire performance of the Armaflex material

Part No	Description	Size
GMEU45	Armafinish Black Paint	2.5 ltr

Lagging Slitting Knife



- Specially designed by Armaflex as a tool for their products
- The rounded bar in front of the blade ensures a clean, constant cut, but stops the knife cutting into the pipe

Part No	Description
GMEU96	Lagging Slitting Knife

Armaflex Sheet Class '0' Insulation

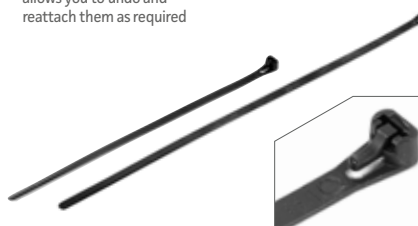


- Often used for insulating small tanks & vessels
- Reduces heat losses by up to 87% due to stable thermal conductivity; meaning long term energy efficiency
- Built-in Microban® antimicrobial protection reduces mould and bacteria growth

Part No	Description	Size	Mt Per Roll
GMEU36R	Sheet Insulation	1mt x 9mm (3/8")	10mt
GMEU37R	Sheet Insulation	1mt x 13mm (1/2")	8mt

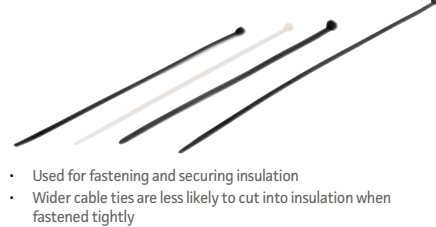
Releasable Cable Ties

- c/w a small release clip which allows you to undo and reattach them as required



Part No	Description	Size	Qty/Pk
GM250HTD	Releasable Cable Ties	250mm x 7.6mm	pk 100
GM380HTD	Releasable Cable Ties	370mm x 7.6mm	pk 100

Cable Ties

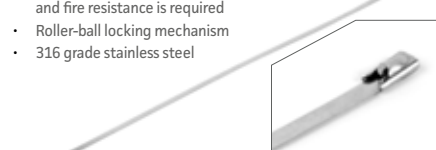


- Used for fastening and securing insulation
- Wider cable ties are less likely to cut into insulation when fastened tightly

Part No	Description	Size	Qty/Pk
GM300I	Cable Ties	300mm x 3.6mm	pk 100
GM300ST	Cable Ties	300mm x 4.8mm	pk 100
GM300ST-NAT	Cable Ties (Natural)	300mm x 4.8mm	pk 100
GM300HD	Cable Ties	300mm x 7.6mm	pk 100
GM370ST	Cable Ties	370mm x 4.8mm	pk 100
GM380HD	Cable Ties	380mm x 7.6mm	pk 100
GM450HD	Cable Ties	430mm x 9.0mm	pk 100

Stainless Steel Cable Ties

- For use where additional strength, security and fire resistance is required
- Roller-ball locking mechanism
- 316 grade stainless steel



Part No	Description	Size	Qty/Pk
GM300STST	Stainless Steel Cable Ties	300mm x 4.8mm	pk 100

Cable Tie Bases



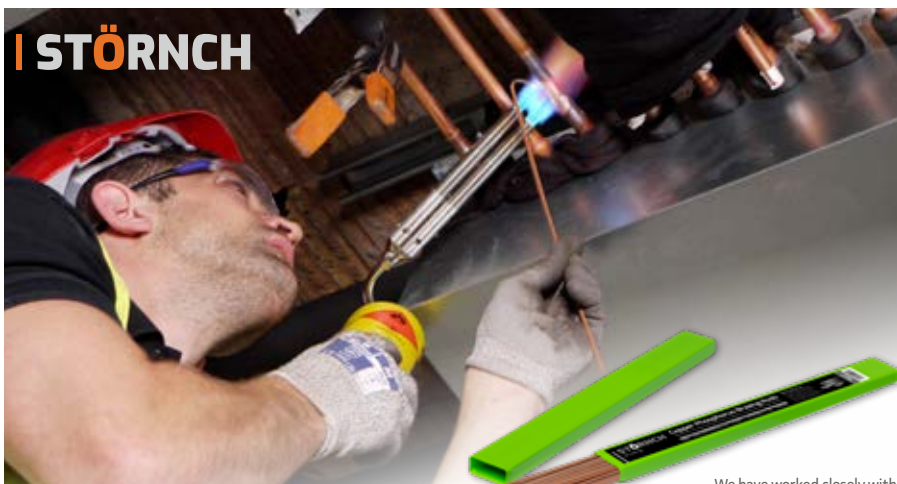
- GMCTA1**
  - Push in fixing for cable ties up to 9mm wide
  - Drill 6-8mm hole in brick, block, concrete or wood
- GMAM2**
  - Peel off backing paper and stick to surface
- GMSM2**
  - Saddle design provides maximum stability
  - Fix mounts with screw

Part No	Description	Size	Qty/Pk
GMCTA1	Cable Tie Anchors	37mm Long	pk 100
GMAM2	S/A Cable Tie Bases	28mm x 28mm	pk 100
GMSM2	Screw Tie Bases	Suits 4.8 - 8.0 Ties	pk 100





**STÖRNCH Brazing Rods**



Part No	Description	Qty/Pk
<b>GMBZR11</b>	STÖRNCH Brazing Rods	1kg

We have worked closely with our customers to develop this range, the result being a high performance copper phosphorous rod providing exceptional value for money, making STÖRNCH the engineer's first choice for brazing rods

**Rothenberger S2 Brazing Rods**



- Quality, hard solder brazing rods
- Their low silver content, and the fact they are matched to normally-stressed copper pipe systems, makes them ideal for capillary gap soldering



Part No	Description	Qty/Pk
<b>GMBZR10</b>	Rothenberger S2 Brazing Rods	1kg

**40% Silver Flux Coated Brazing Rods**



- Common alloy used for brazing copper to brass, and other dissimilar metals
- Unique plasticised flux coating, to reduce the chipping and loss of flux

Part No	Description	Qty/Pk
<b>GMBZR4</b>	40% Silver (Flux Coated)	5 Rods

**Powder Flux**



- Specially developed flux used in conjunction with brazing alloys, melting within the temperature range 500 – 850°C

Part No	Description	Qty/Pk
<b>GMBZR6</b>	Powder Flux	250g

**Turbo Set 1000 Portable Brazing Kit**



- Sturdy portable brazing kit weighing only 5kg
- 2 metre hoses fitted with blow back valves
- Maxy Gas Oxygen combination which attains temperatures up to 3050°C
- Kit complete with welding goggles, lighter, spanner and brazing rods
- Cylinders included

Part No	Description
<b>GMBZT7</b>	Turbo Set 1000 Portable Brazing Kit

**Turbo Set Gas Refills**



- Specifically for Turbo Set 1000

Part No	Description	Size
<b>GMBZC1</b>	Oxygen Bottle	950ml
<b>GMBZC2</b>	Maxy Gas Bottle	350g

**Map Gas**



- For use with professional type brazing and soldering torches
- Extremely high flame temperature, great burning performance and guaranteed short working times

Part No	Description	Qty/Box
<b>GMBZC3</b>	Propane Gas Bottle	12
<b>GMBZC4</b>	Map-Plus Gas Bottle	12
<b>GMBZC4-R</b>	Rothenberger Mapp Gas Bottle	12



For a complete range of brazing torches and tools, see pages: 217-218

**R32 Refrigerant**



- HFC refrigerant is increasingly used to replace other refrigerants because of its lower GWP (Global Warming Potential)
- Please note, does not include left hand thread bottle adaptor. These are available separately – (right) GMRT32A
- Mildly flammable

Part No	Description	Size
<b>GMRT32</b>	R32 Refrigerant	9 kg

**R32 Bottle Adapter**



- Manufactured from brass
- Comes with a washer seal
- Left hand thread

Also see page 227

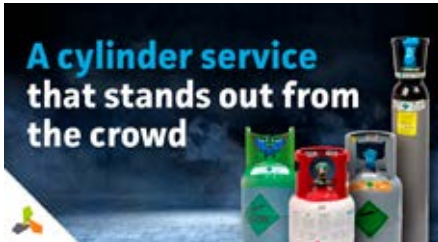
Part No	Description	Qty/Pk
<b>GMRT32A</b>	R32 Bottle Adapter	Each

**R410A Refrigerant**



- R410A is found in many AC systems and has a higher GWP than R32
- Low toxicity - Non flammable
- c/w Bottle Adapter

Part No	Description	Size
<b>GMRT10</b>	R410a Refrigerant	10 kg



Unrivalled in the industry, thanks to:

- **FREE** Collection Service – no minimum quantity
- Huge stocks of Nitrogen, refrigerant gas, and reclaim
- Deliveries on our own vans with live vehicle tracking
- Online Cylinder Tracking Tool

**R407C Refrigerant**



- R407C is an HFC blend of refrigerant for AC systems
- c/w Bottle Adapter

Part No	Description	Size
<b>GMRT4</b>	R407C Refrigerant	11.5 kg

**R134a Refrigerant**



- R134a is an HFC refrigerant commonly used in HFC & refrigeration systems
- c/w Bottle Adapter

Part No	Description	Size
<b>GMRT2</b>	R134a Refrigerant	12 kg

**Nitrogen (OFN) Cylinders**



- Oxygen-free Nitrogen
- Usually used for purging and pressure testing

Part No	Description	Size
<b>GMRT13</b>	Nitrogen (OFN) Cylinder	10 ltr

**Nitrogen Trolley**



- Retractable handle cylinder trolley
- Cylinder not included

Part No	Description	Qty/Pk
<b>GMNT</b>	Nitrogen Trolley	Each

**Reclaim Cylinders (Green Tops)**



- Cylinders are 9kg capacity
- Supplied cleaned and sealed, and can be used as receivers
- Not to be used for R32 or A2L flammable gases
- Double valve, double port c/w 3/4" SAE MFL outlet
- Contents can be any number of mixed refrigerants
- Cylinders returned to us must be accompanied by a fully completed waste transfer note supplied

Part No	Description	Max Capacity
<b>GMRT11</b>	Reclaim Cylinder	9kg

**R32 Recovery Cylinder**



- These take all A2L refrigerants, including R32
- The maximum fill is 9kg, we recommend filling to 8kg
- These are a left hand thread valve and will need an adaptor (GMRT32A)
- They have a dual port valve, and if you use both taps (liquid and vapour) you will need 2 adaptors
- Cylinders returned to us must be accompanied by a fully completed waste transfer note supplied

Part No	Description	Max Capacity
<b>GMRT33</b>	R32 Recovery Cylinder	9kg
<b>GMRT32A</b>	R32 Bottle Adapter	Each

**Cylinder Heating Belt - 110V**



- Heats cylinders to 50°C to increase the pressure of the refrigerant
- Speeds up recharging time
- Assures total discharge of refrigerants from cylinders
- 300W heater element

Part No	Description	Voltage
<b>GMCHB110</b>	Cylinder Heating Belt	110V