

Air Brake - Tubing

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Air Brake - Tubing

AIR COILS EUROCOILS

The Eurocoil is designed to meet international requirements using heat and light stabilised nylon 11+12 the 12mm OD tube is manufactured to DIN 73378 for colours. The unique design of the end fitting with its anti-kink spring and colour coded retaining collar improves the life span of this safety-critical product.



	Coil Size	Plastic Spring Guards	Metal Spring Guards
10 Turn 2.2 metre working length	90mm ID	Colour 1/2" BSP	
		Red 2219	
		Yellow 2220	
16 Turn 3.5 metre working length	90mm ID	Colour 1/2" BSP M22x1.5	1/2 BSP
		Red 2216 2313	Z2216MET
		Yellow 2217 2314	Z2217MET
		Blue 2218	
22 Turn 4.5 metre working length	90mm ID	Colour M16x1.5	
		Black 2330	
	90mm ID	Colour 1/2" BSP M22x1.5	1/2 BSP
		Red 2236 2333	Z2236MET
		Yellow 2237 2334	Z2237MET
		Blue 2238	
32 Turn 11.3 metre working length	130mm ID	Colour 1/2" BSP M22x1.5	
		Red 2256 2353	
		Yellow 2257 2354	
		Blue 2355	
40 Turn 15 metre working length	180mm ID	Colour M22x1.5	
		Yellow 2357	

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Air Brake - Tubing

EUROCOILS

Part No 2214

22 Turn
Eurocoil 3Mtr Black
1/2 Red Spring

Part No 2215



22 Turn
Eurocoil 3Mtr Black
1/2 Yellow Spring

Part No 2212



16 Turn
Eurocoil 3Mtr Black
1/2 Red Spring

Part No 2213



16 Turn
Eurocoil 3Mtr Black
1/2 Yellow Spring

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Air Brake - Tubing

AIR COILS

UNICOILS



Black Coil conforming to DIN Standard 74323 with Colour Coded Ends for clear identification. These un coils have moulded anti-kink protection for longer life with a 20 coil 4 metre working length. The universal end fittings create no replacement olive problems and adaptors are available for all applications. They have a stowage loop for safety when uncoupled.

Coils		Male Ends	
Part No	Description	Part No	Description
2027	Unicoil 20 Turn Yellow Tail	2019	M18 - 1/4NPT Coil End Adaptor
2028	Unicoil 20 Turn Red Tail	2021	M18 Male - 1/2 BSP Male End
2017	Unicoil 22 Turn Yellow Tail	2022	M18 Male - M22 Male End
2018	Unicoil 22 Turn Red Tail	2023	M18 Male - M16 Male End
2271	Unicoil 22 Turn Black Tail	2024	M18 Male - M18 Male (34mm long) End
		2025	M18 Male - M16 Male (34mm long) End
		2026	Assorted Box of End Fittings
	Unicoil 22 Turn		
9018	M18 (female) x M16 (male) ends		
9019	M18 (female) x M16 (male) ends		

UNICOIL KIT Part No 2020 CONTENTS

5 YELLOW 2027 COILS

5 RED 2028 COILS

1 ASSORTED BOX ENDS

APPLICATION LIST (QTY PER COIL)

Blister Packs

SCANIA/IVECO

1 x 2023 UNI 001
1 x 2025

RENAULT/VOLVO

2 x 2023 UNI 002

1/2 BSP APPLICATIONS

2 x 2021 UNI 004

MAN

1 x 2024 UNI 003
1 x 2025

DAF/MERCEDES

2 x 2023

M22 APPLICATIONS

2 x 2022 UNI 005

Blister Packs

M16 APPLICATIONS

2 x 2023

Blister Pack

UNI 006

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Air Brake - Tubing

COMPACT ANTI-KINKING COILS

Tube Gear Ltd has pleasure in announcing our new range of stocked compact anti-kink coils as manufactured solely by Allen Industrial Ltd.

As well as the security of these coils being manufactured by one of the largest suppliers to most OE truck manufacturers, these have been designed with the UK fleet specifically in mind. Many of the larger UK supermarket fleets are now specifying these coils to be supplied above all others due to their excellent long term performance and cost benefits.



Part No 2127



Part No 2128

KEY FEATURES

40MM I.D. COIL DIAMETER

ANTI-KINKING

4M WORKING LENGTH

MEETS DIN 74323 & DIN 74324 STANDARDS

BURST PRESSURE EXCEEDS 57 BAR AT 23 DEG C

SAFETY FACTOR OF 3 AT 70 DEG C

STRENGTH OF POLYAMIDE, FLEXIBILITY OF POLYURETHANE

BENCHMARKED AGAINST COMPETITION: BEST IN CLASS

EXCELLENT CHEMICAL RESISTANCE

HIGH MOISTURE AND BACTERIA RESISTANCE

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Air Brake - Tubing

COMPACT COILS

Part No 2129

**32 Turn 4 Mtr Black Compact Coil
Red Support**

Part No 2130

**32 Turn 4 Mtr Black Compact Coil
Yellow Support**

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Air Brake - Tubing

AIR COILS

Air Coil Handles

Part No 2029



Ergonomically designed handles to assist with grip when connecting and disconnecting Air Coils especially in poor conditions.

Handle kit contains:

- 1 x **Red** Handle
- 1 x **Yellow** Handle
- 2 x M16 F/M M16 Male Bulkhead Adaptor

Additions

Standard Air Coil Conversion = M18 Male to M16 Male-Use

Part No. 2023

M22 C Couplings/Palm Couplings = M16 Female to M22 Male-Use

Part No. 7604

1/2BSP C Couplings/Palm Couplings = M16 Female to 1/2 BSP Male Use

Part No. 7607

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TRUCK COILS

Part No	Description
2266	Volvo Type Coil 22 Turn Red M16 End x M16 x 1.5 End
2267	Volvo Type Coil 22 Turn Yellow M16 End x M16 x 1.5 End
2269	Scania Type Coil 22 Turn Red M18 34mm long Bulkhead x M16x 1.5Thread
2270	Scania Type Coil 22 Turn Yellow M18 34mm long Bulkhead x M16x 1.5Thread

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Air Brake - Tubing

EUROBOOM

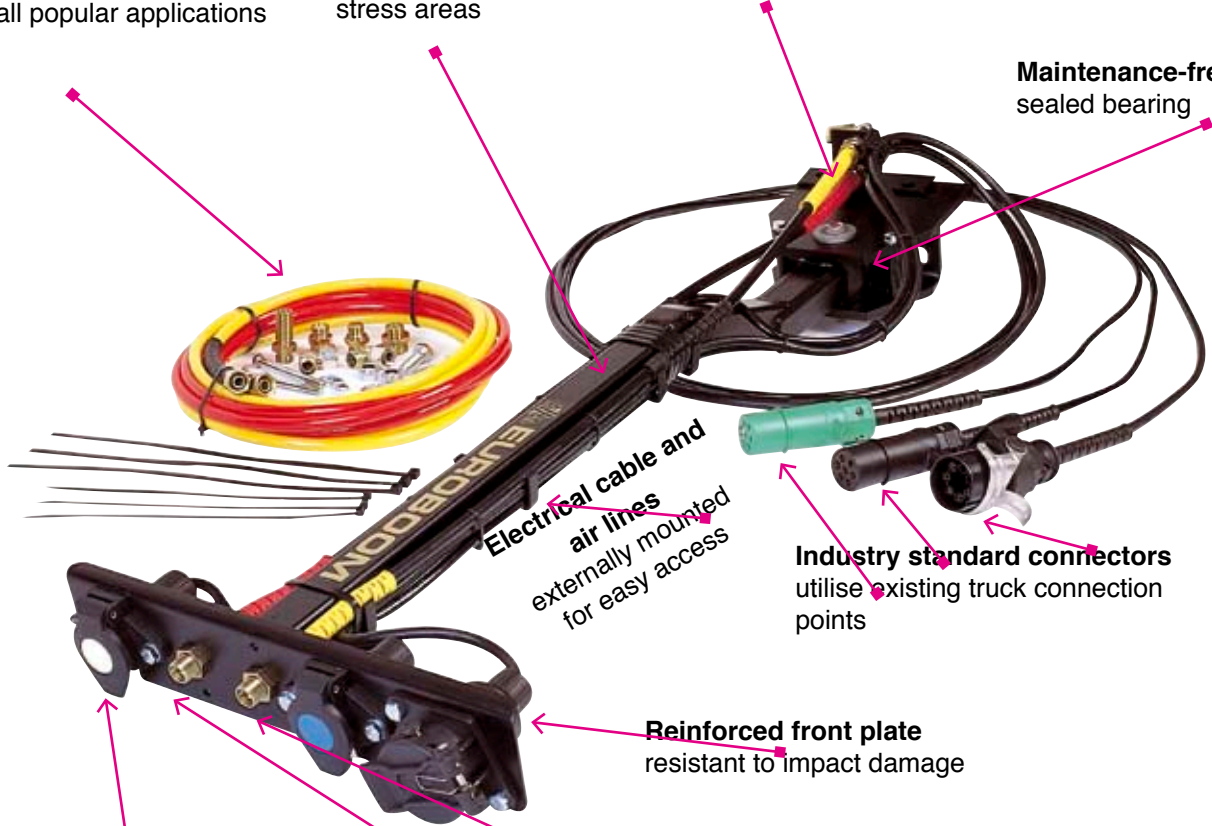
Fitting Kit

All the fittings required to suit all popular applications

Heavy Duty Construction reinforced in all the major stress areas

Push-in air line fittings quick and easy connection

Maintenance-free sealed bearing



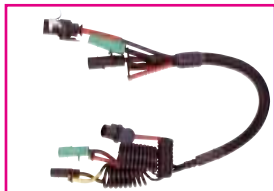
Electrical cable and air lines externally mounted for easy access

Industry standard connectors utilise existing truck connection points

Reinforced front plate resistant to impact damage

Tube Gear electrical sockets for a secure connection

Standard M18 Nipples connect to most standard coils



An umbilical option

provides a total tractor-trailer connection that is neat, secure and extremely robust



In some sliding fifth wheel applications

stainless steel braided air lines are recommended

Please call us with the following information:

-  **Make & Model of Vehicle**
-  **Whether Sliding or Fixed 5th Wheel**
-  **Height of 5th Wheel (from chassis to top of 5th Wheel)**

The standard configuration consists of a Euroboom with

ABS Socket 24V S and 24V N Sockets 2 Line Braking

ALSO AVAILABLE SPECIALLY

EBS Sockets

Air Coil Kits

Electrical Coil Kits

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Air Brake - Tubing

RUBBER AIR HOSE

IMPERIAL AIR BRAKE HOSE

This braided rubber hose is manufactured to the air brake standard SAE J1402, has a burst pressure of 62 bar and a working pressure of 15.5 bar



Hose ID	10 mtre Coil	15 mtre Coil	20 mtre Coil	50 mtre Coil	O Clip	Wormdrive
3/8	1696		1706	1706.50	2010	2033
1/2	1697		1707	1707.50	2012	2035
5/8		1708				2036

BRAKE HOSE ASSEMBLIES

These hoses are assembled using 3/8" ID SAE J1402 rubber hose with 1 fixed and 1 one piece swivel hoesail. All assemblies carry a batch traceability tag.

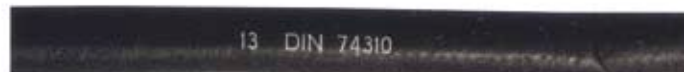


Hose Length	1/4 NPT Ends	M16 x 1.5 Ends
2 ft	1716	
2.5 ft	1726	
3 ft	1736	1736M
3.5 ft	1746	1746M

Hose Length	1/4 NPT Ends	M16 x 1.5 Ends
4 ft	1756	1756M
5 ft	1776	1776M
5.5 ft	1786	
6 ft	1796	1796M

METRIC AIR BRAKE HOSE

Manufactured to DIN 74310 standard this hose has a burst pressure of 54 bar and working pressure of 18 bar



Hose ID	Hose OD	10 mtr Coil	20 mtr Coil	50 mtr Coil	O Clip	Wormdrive
13mm	25mm	1713		1713.50	2014	2035

BRAKE HOSE ASSEMBLIES

These hoses are assembled using 13mm DIN 74310 hose with 1 fixed and 1 one piece M16 x 1.5 swivel hoesail. All assemblies carry a batch traceability tag.



Hose Length	Part No
2 ft	1717
3 ft	1719

Hose Length	Part No
3.6 ft	1720
4 ft	1721
4.6 ft	1722

Hose Length	Part No
5 ft	1723
6 ft	1724
7 ft	1725

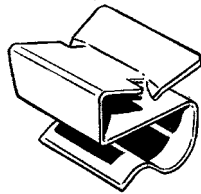
Tailor-made brake hose assemblies can be made up on request

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Air Brake - Tubing

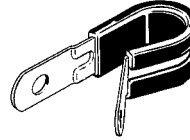
COMPONENTS

Chassis Clips



Part No	Beam Thickness	To suit OD
2070	2mm to 4mm	6mm to 7mm
2071	2mm to 4mm	8mm to 9mm
2072	2mm to 4mm	10mm to 11mm
2073	2mm to 4mm	12mm to 14mm
2074	2mm to 4mm	15mm to 18mm
2075	4mm to 7mm	6mm to 7mm
2076	4mm to 7mm	8mm to 9mm
2077	4mm to 7mm	10mm to 11mm
2078	4mm to 7mm	12mm to 14mm
2079	4mm to 7mm	15mm to 18mm

Pipe Clips



Hole Width 12.7mm
Strap Width 16mm

Part No	Dia
2050	6mm
2051	8mm
2052	10mm
2053	12mm
2054	15mm
2055	16mm
2056	18mm

Spring Guard

(Sold per metre)

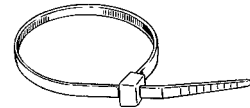


Part No	Size
2080	8mm x 1mm
2081	10mm x 1mm
2082	13mm x 1mm
2083	16mm x 1mm
2084	19mm x 1mm
2085	23mm x 1.5mm
2086	30mm x 2mm

Part No

Cable Ties

Black	White	Silver	Length	Width	Pkt
2060	2060W		98mm	2.5mm	100
2061			140mm	3.6mm	100
2062			200mm	4.8mm	100
2063	2063W		290mm	4.8mm	100
2064	2064W		360mm	4.8mm	100
2065	2065W		430mm	4.8mm	100
2066	2066W		365mm	7.7mm	100
2067		2067S	300mm	4.8mm	100
		2068S	370mm	4.8mm	100



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Air Brake - Tubing

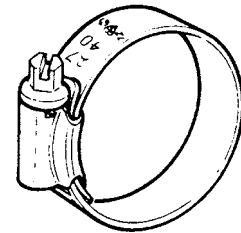
COMPONENTS

Wormdrive Screwdriver
Part No 2030

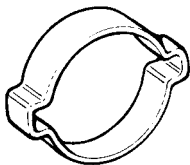


Worm Drive Clips

Standard Reference	Size		Part No
	Inch	mm	
000	5/16" - 1/2"	8 - 12	2031
M00	3/8" - 5/8"	10 - 16	2032
00/0	1/2" - 7/8"	12 - 22	2033
0X	5/8" - 1.1/16"	16 - 27	2035
1A	3/4" - 1.1/4"	20 - 32	2036
1/1X	1" - 1.5/8"	25 - 40	2038
2A	1.1/4" - 2"	32 - 50	2039
2/2X	1.5/8" - 2.3/8"	40 - 60	2041
3	2" - 2.3/4"	50 - 70	2042
3X	2.3/8" - 3.1/8"	60 - 80	2043
4	2.3/4" - 3.1/4"	70 - 90	2044
4X	3.1/8" - 4"	80 - 100	2045
5	4" - 4.3/4"	100 - 120	2046
6X	4.3/4" - 5.1/2"	120 - 140	2047
7	5.1/2" - 6.1/4"	140 - 160	2049



'O' Clips



	Part No	Hose OD		Part No		
		Inch	mm			
Assorted 'O' Clip Box	2000 (includes pincers)	1/4"	5 - 7	2002		
		5/16"	7 - 9	2003		
		3/8"	9 - 11	2004		
		7/16"	10 - 12	2005		
		1/2"	11 - 13	2006		
		9/16"	13 - 15	2007		
		5/8"	15 - 18	2009		
		3/4"	17 - 20	2010		
		7/8"	20 - 23	2012		
		1"	23 - 27	2014		
		'O' Clip Pincers	6902			

Air Brake - Tubing

TRACE NYLON

The UNIQUE properties of **Tube Gear** Trace Nylon means the tubing conforms to the DIN 74324 air brake standard, whilst retaining colour traceability within the system.

The tubing is printed with depth marks for use with WIRA Push-In Fittings and is suitable for use with Air, Water, Petrol, Diesel and many other chemicals.

A tube support should be used on all sizes of 6mm OD and above.

Burst Pressure at 23°C is 57 bar and DIN 73378 the general tubing standard.



Part No	Description	Drums
1358.500	12 x 1.5 Red Trace Nylon	500 Metres
1359.500	12 x 1.5 Yellow Trace Nylon	500 Metres

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Air Brake - Tubing

NYLON Imperial Nylon Tubing

This flexible nylon tubing is manufactured from heat and light stabilised nylon 11 + 12 and is suitable for use with air, water, petrol, diesel and many other chemicals. The burst and working pressures shown are applicable at 23 °C. A tube support should always be used on tube sizes 1/4"OD and above.

15 metre coils

OD	ID	Black	Natural	Red	Yellow	Blue	Burst Pressure (Bar)	Working Pressure (Bar)
1/8"	0.095	1011	1012				54	13
5/32"	0.106	1021	1022				88	22
3/16"	0.117	1031	1032				109	27
1/4"	0.170	1041	1042	1043		1045	102	25
5/16"	0.212	1051	1052				102	25
3/8"	0.265	1061	1062	1063	1064	1065	88	22
1/2"	0.375	1071	1072	1073	1074	1075	75	19
5/8"	0.500	1081	1082			1085	58	14

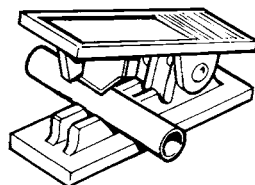
30 metre coils

OD	ID	Black	Natural	Red	Yellow	Blue	Burst Pressure (Bar)	Working Pressure (Bar)
1/8"	0.095	1111	1112				54	13
5/32"	0.106	1121	1122				88	22
3/16"	0.117	1131	1132	1133			109	27
1/4"	0.170	1141	1142	1143			102	25
5/16"	0.212	1151	1152	1153			102	25
3/8"	0.265	1161	1162	1163	1164	1165	88	22
1/2"	0.375	1171	1172	1173	1174	1175	75	19
5/8"	0.500	1181	1182			1185	58	14

Other Sizes and Colours available on Request

Tube Cutters

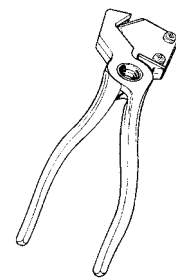
Part No 6910
will cut up to
13mm (1/2")
thick tube



SPARE BLADE
Part No 6911

Pkt Part No PIF 106

Part No 6914
will cut up to
22mm thick
tube



SPARE BLADE
Part No 6915

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Air Brake - Tubing

NYLON

Metric Nylon Tubing

All Tube Gear Metric Nylon is manufactured and printed to DIN 73378 except black tube which complies to the Air Brake Standard DIN 74324. It is also printed with depth marks for use with WIRA Push-In Fittings and is suitable for use with Air, Water, Petrol, Diesel and many other chemicals. The burst and working pressures shown are applicable at 23° C. A tube support should be used on all sizes of 6mm O.D. and above

All available on drums

15 metre coils

OD	ID	Black	Natural	Red	Yellow	Blue	Green	Orange	Burst Pressure (Bar)	Working Pressure (Bar)
4mm	2mm	1211	1212	1213		1215			136	45
5mm	3mm	1205							68	22
6mm	4mm	1221	1222	1223		1225			82	27
8mm	6mm	1231	1232	1233	1234	1235			57	19
9mm	6mm	1209							82	27
10mm	7mm	1241H	1242H	1243H	1244H	1245H	1246H		68	22
10mm	7.5mm	1241M	1242M	1243M	1244M	1245M	1246M	1247M	57	19
10mm	8mm	1241	1242	1243	1244	1245			45	15
11mm	8mm	1210							63	21
12mm	9mm	1251	1252	1253	1254	1255			57	19
14mm	10mm	1271							63	21
15mm	12mm	1281							45	15
16mm	12mm	1301							57	19
18mm	14mm	1291							65	21

30 metre coils

OD	ID	Black	Natural	Red	Yellow	Blue	Green	Orange	Burst Pressure (Bar)	Working Pressure (Bar)
4mm	2mm	1311	1312	1313					136	45
5mm	3mm	1305							68	22
6mm	4mm	1321	1322	1323	1324	1325	1326		82	27
8mm	6mm	1331	1332	1333	1334	1335	1336		57	19
9mm	6mm	1309							82	27
10mm	7mm	1341H	1342H	1343H	1344H	1345H	1346H	1347H	68	22
10mm	7.5mm	1341M	1342M	1343M	1344M	1345M	1346M	1347M	57	19
10mm	8mm	1341	1342	1343	1344	1345	1346	1347	45	15
11mm	8mm	1310							63	21
12mm	9mm	1351	1352	1353	1354	1355			57	19
14mm	10mm	1371							63	21
15mm	12mm	1381							45	15
16mm	12mm	1401							57	19
18mm	14mm	1391							65	21

Available in 500 metres using a .500 extension, i.e. 1321.500 is a 500 drum of 6mmx1mm black nylon
 Available in 300 metre lengths. Available in 200 metres. Available in 100 and 200 metres.

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