

July 2024

# MetroDuct – Twinwall

Twinwall HDPE ducting system for use in highways as underground ducting for electricity, gas and water supplies, and for street lighting cables and fibre optic cabling for telecommunications. Duct couplers are pre-fitted to one end of the stick. Elastomeric seals can be supplied separately if required. Manufactured in polyethylene, the pipe is normally supplied in either 6 metre lengths or 50 metre coils. The external corrugated profile gives the product added strength and the internal bore is smooth to prevent cables from snagging. If required, a sealed joint may be achieved by using two profile seals and a push fit coupling.



Material	HDPE
Colour	Available in Black. Other colours available on request.
Marking	Varies with application.
Quality System & Inspection	All quality systems and inspection procedures comply with BS EN ISO 9001: 2015 (Certificate No: FM 01420).
Standards & Certification	Manufactured in accordance with BS EN 61386 – Conduit systems for cable management. See below all Naylor Twinwall ducting that is fully compliant to the new BBA certification for sealed systems (if required) BBA HAPAS Certificate No: 08/H131. Coils are kitemarked to BS EN 61386 (KM57808)
Packaging	Supplied in 6 metre lengths as standard in timber framed packs (quantity of product per packaged unit is dependent upon the external diameter of the product). Coils are shrink wrapped to pallets.
Storage	For long term storage keep away from direct sunlight to avoid product degradation, over 12 months exposure to direct sunlight should be avoided.



MetroDuct Twinwall Utility Ducting – Electric & Power						
OD (mm)	ID (mm)	Length (m)	Certification	Weight (kg)	Code	Pack Quantity
110	94	6	BBA	3.6	29120	100
120	100	6	BBA	3.9	29278	85
145	125	6	BBA	5.5	29111	72
145	125	6	BBA	5.5	29273	72
160	137	6	BBA	6.1	29119	33
178	150	6	BBA	7.9	29112	33

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## MetroDuct Twinwall Utility Ducting – Street Lighting &amp; Traffic Signal

OD (mm)	ID (mm)	Length (m)	Marking	Certification	Weight (kg)	Code	Pack Quantity
63	50	6	SL	BBA		29087	158
63	50	6	TS	BBA		29086	158
110	94	6	PLAIN	BBA	3.6	29042	100
110	94	6	TS	BBA	3.6	29084	100
110	94	6	SL	BBA	3.6	29085	100
120	100	6	SL	BBA	3.9	29083	85
120	100	6	TS	BBA	3.9	29082	85
120	100	6	PLAIN	BBA	3.9	29052	85
160	137	6	SL	BBA	6.1	29198	33
160	137	6	TS	BBA	6.1	29189	33
160	137	6	PLAIN	BBA	6.1	29197	33
178	150	6	SL	BBA	7.2	29061	33
178	150	6	TS	BBA	7.2	29356	33
178	150	6	PLAIN	BBA	7.2	29357	33

MetroDuct Twinwall Utility Ducting –  
Printed – Motorway Communications

OD (mm)	ID (mm)	Length (m)	Certification	Weight (kg)	Code	Pack Quantity
110	94	6	BBA	3.6	29043	100
120	100	6	BBA	3.9	29200	85
160	137	6	BBA	6.1	29249	33
178	150	6	BBA	7.2	29059	33

## MetroDuct Twinwall Utility Ducting – Gas

OD (mm)	ID (mm)	Length (m)	Certification	Weight (kg)	Code	Pack Quantity
110	94	6	BBA	3.6	29045	100
120	100	6	BBA		29349	85
160	137	6	BBA		29244	33
178	150	6	BBA	7.2	29358	33
178	150	6	*	7.2	29431	33
266	225	6		15.9	29411	14
266	225	6	*	15.9	29424	14
353	300	6		24.5	29412	9
353	300	6	*	24.5	29427	9
518	450	6		56	29437	4
518	450	6	*	56	29436	4

\*Perforated

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MetroDuct Twinwall Utility Ducting – Water						
OD (mm)	ID (mm)	Length (m)	Certification	Weight (kg)	Code	Pack Quantity
110	94	6	BBA	3.6	29110	100
178	150	6	BBA	7.2	29355	33
266	225	6	BBA	15.9	29413	14
353	300	6	BBA	24.5	29414	9
518	450	6	BBA	56	29434	4



MetroDuct Twinwall Utility Ducting – CCTV						
OD (mm)	ID (mm)	Length (m)	Certification	Weight (kg)	Code	Pack Quantity
110	94	6	BBA	3.6	29281	100
110	94	6	BBA	3.6	29237	100
120	100	6	BBA	3.9	29351	85
180	137	6	BBA	6.4	29250	33
178	150	6	BBA	7.2	29359	33



MetroDuct Twinwall Utility Ducting – Telecoms						
OD (mm)	ID (mm)	Length (m)	Certification	Weight (kg)	Code	Pack Quantity
110	94	6	BBA	3.6	29238	100
178	150	6	BBA	7.2	29396	33

MetroDuct Split Pipe				
OD (mm)	ID (mm)	Length (m)	Weight (kg)	Code
110	94	1	0.6	29285
110	94	3	1.8	29070
120	100	1	0.7	29080
120	100	3	2.1	29081
145	125	1	0.9	29210
145	125	3	2.7	29242
178	150	1	1.2	29121
178	150	3	3.6	29223

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MetroDuct Coils							
OD (mm)	ID (mm)	Length (m)	Colour	Certification	Weight (kg)	Code	Pallet QTY
110	94	50	Black	BS EN 61386	29.5	29267	5
63	50	50	Orange		12.5	29037	8
63	50	50	Bue	BS EN 61386	12.5	29039	8
63	50	50	Yellow	BS EN 61386	12.5	29040	8
110	94	50	Orange		29.5	29047	5
110	94	50	Blue	BS EN 61386	29.5	29049	5
110	94	50	Yellow	BS EN 61386	29.5	29050	5
110	94	50	Purple	BS EN 61386	29.5	29080	5
110	94	50	Orange (Printed Traffic Signal)	BS EN 61386	29.5	29088	5
110	94	50	Orange (Printed Street Lighting)	BS EN 61386	29.5	29089	5
63	50	50	Orange (Printed Traffic Signal)	BS EN 61386	12.5	29090	8
63	50	50	Orange (Printed Street Lighting)	BS EN 61386	12.5	29091	8
160	137	50	Black	BS EN 61386	49.5	29092	4
63	50	50	Green	BS EN 61386	12.5	29094	8
63	50	50	Black	BS EN 61386	12.5	29113	8
110	94	50	Green	BS EN 61386	29.5	29171	5
50	40	50	Black	BS EN 61386	6	29265	1
90	75	50	Black	BS EN 61386	16.5	29266	1
160	137	50	Black	BS EN 61386	49.5	29268	7
63	50	50	Purple	BS EN 61386	12.5	29279	8

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Bends					
OD (mm)	Angle	Radius (mm)	Code	Pack Quantity	Weight (kg)
110	11.25	500	29144	1	0.30
	22.5	500	29141	1	0.30
	45	500	29138	1	0.30
	90	750	29149	1	0.45
	11.25	500	29215	1	0.32
	22.5	500	29174	1	0.32
	45	500	29164	1	0.42
	90	750	29159	1	0.47
145	11.25	600	29243	1	0.54
	22.5	600	29165	1	0.56
	45	750	29166	1	0.42
	90	1000	29156	1	0.77
160	11.25	600	29022	1	0.55
	22.5	600	29180	1	0.58
	45	750	29181	1	0.70
	90	1000	29182	1	0.96
	11.25	600	29262	1	0.75
	22.5	600	29183	1	0.72
	45	750	29163	1	0.89
	90	1000	29162	1	1.20



Couplers			
ID (mm)	Code	Pack Quantity	Weight (kg)
40	29161	1	0.01
50	29167	1	0.02
63	29104	1	0.04
90	29103	1	0.10
110	29225	1	0.17
120	29101	1	0.18
145	29100	1	0.27
160	29099	1	0.23
178	29098	1	0.26
266	29415	-	-
353	29416	-	-

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Accessories					
	ID (mm)	Length (m)	Code	Pack Quantity	Weight (kg)
Duct Sealing Ring	137mm		29106	1	0.03
Duct Sealing Ring	110mm		29107	1	0.02
Duct Sealing Ring	120mm		29115	1	0.02
Duct Sealing Ring	178mm		29117	1	0.05
4 Way Duct Spacer	110mm		29230	1	0.14
4 Way Duct Spacer	120mm		29375	1	0.12
4 Way Duct Spacer	178mm		29399	1	0.27
6 Way Duct Spacer	110mm		29228		
6 Way Duct Spacer	110mm		29231		
8 Way Duct Spacer	178mm		29235		
Universal Jointing Lubricant			50001	1	1.00
Universal Jointing Lubricant			50002	1	2.50
		365m	34036	1	2.10
Blue (Printed: Water) Marker Tape		365m	34037	1	2.10
Yellow (Printed: Gas) Marker Tape		365m	34038	1	2.10
Green (Printed: Phone) Marker Tape		365m	34039	1	2.10
		365m	34040	1	2.10
Yellow (Printed: Street Lighting) Marker Tape		365m	34041	1	2.10
Draw Cord		500m	29191	1	7.50
Draw Cord		220m	29264	1	2.80
End Cap	63mm		29131		
End Cap	90mm		29130		
	110mm		29129		
End Cap	120mm		29128		
End Cap	145mm		29127		
End Cap	160mm		29126		
End Cap	178mm		29168		

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