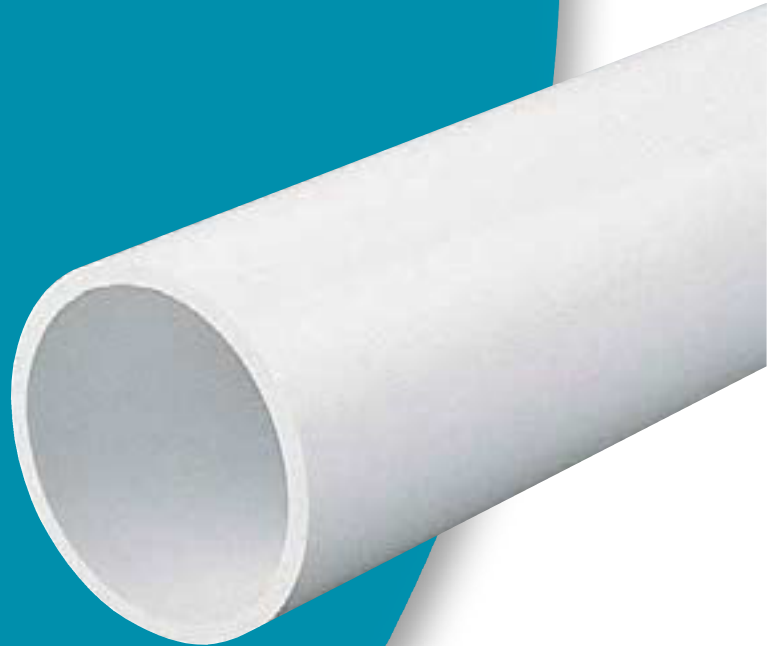


Conduit systems

www.marshall-tufflex.com

Round and oval PVC-U conduit systems and fittings and MT Supertube, a high impact alternative to steel conduit suitable for installation where LSOH and EMC are a requirement.



Round conduit made from super high impact PVC-U.

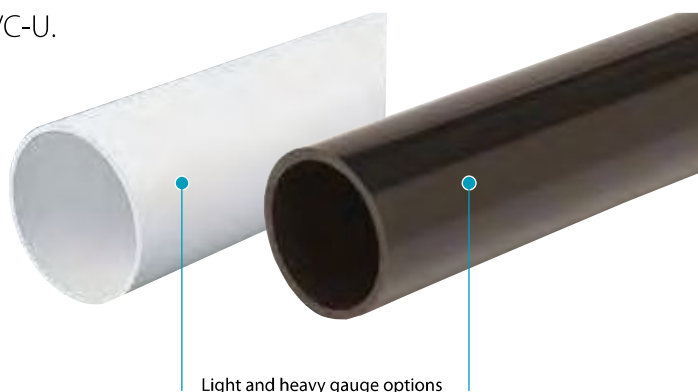
Product information

CONDUIT

- Light or heavy gauge options
- Meet requirements for BS 4607, BS EN 61386 and BS EN 61386 where applicable

BOXES

- Provision for MET1 brass earth terminal
- All boxes have brass inserts



Light and heavy gauge options

Standard Colours	
WH	BK
WH: White BK: Black	



Light & heavy gauge



Light gauge

code	O.D	pack
CR2WH	20mm	30 x 3m
CR3WH	25mm	30 x 3m
CR4WH	32mm	10 x 3m
CR9WH	38mm	10 x 3m
CR10WH	50mm	10 x 3m

For black replace the last two letters of the code with BK

Heavy gauge

code	O.D	pack
CR6WH	20mm	30 x 3m
CR7WH	25mm	30 x 3m
CR8WH	32mm	10 x 3m
CR11WH	38mm	10 x 3m
CR12WH	50mm	10 x 3m

For black replace the last two letters of the code with BK

Round conduit fittings



Expansion couplers

code	size	pack
MEC2WH	20mm	25
MEC3WH	25mm	10
MEC5WH	38mm	10
MEC6WH	50mm	5

Should be fitted over a clear gap between two round rigid conduits

Straight couplers

code	size	pack
MC2WH	20mm	100
MC3WH	25mm	50
MC4WH	32mm	25
MC5WH	38mm	10
MC6WH	50mm	10

Reducers

code	size	pack
MR2WH	25 x 20mm	50

Plastic plugs – red only (for heavy gauge conduit)

code	size	pack
MPP2	20mm	100
MPP3	25mm	100
MPP4	32mm	50



Inspection elbows

code	size	pack
MIE2WH	20mm	20

For 25mm size use Inspection Bend



Inspection bends

code	size	pack
MIB2WH	20mm	20
MIB3WH	25mm	20



Inspection tees

code	size	pack
MIT2WH	20mm	20
MIT3WH	25mm	20



Plain bends

code	size	pack
MNB2WH	20mm	25
MNB3WH	25mm	10
MNB4WH*	32mm	20
MNB5WH*	38mm	5
MNB6WH*	50mm	2

*Couplers required

CONDUIT SYSTEMS



Adaptors (Female thread)

code	size	pack
MAB2WH	20mm	100
MAB3WH	25mm	50
MAB4WH	32mm	25
MAB5WH	38mm	15
MAB6WH	50mm	10



Adaptors (Male thread)

code	size	pack
MA7WH	20mm	100
MA8WH	25mm	50



Adaptors (Clip-in spout)

code	size	pack
MCA2WH	20mm	100
MCA3WH	25mm	50



Male bushes

code	size	pack
MMB2WH	20mm	100
MMB3WH	25mm	100
MMB4WH	32mm	25
MMB5WH	38mm	10
MMB6WH	50mm	10



Threaded lockrings

code	size	pack
MLR2WH	20mm	100
MLR3WH	25mm	50



Round 'U' clips

code	size	pack
MMC2WH	20mm	100
MMC3WH	25mm	50
MMC4WH	32mm	25



Strap saddles

code	size	pack
MSS2WH	20mm	100
MSS3WH	25mm	100
MSS4WH	32mm	50
MSS5WH	38mm	25
MSS6WH	50mm	25



Spacer bar saddles

code	size	pack
MSB2WH	20mm	100
MSB3WH	25mm	100
MSB4WH	32mm	50
MSB5WH	38mm	10
MSB6WH	50mm	10



Spacer bar snap saddle

code	size	pack
MSBS2WH	20mm	100



Threaded cable gland

code	size	cable size	pack
MCG2WH	20mm	ø7-10.5	100
MCG2AWH	20mm	ø4-7	25
MCG3WH	25mm	ø8-13	25
MCG4WH	32mm	ø18-24	10



**Locknuts
(for use with cable glands)**

code	size	pack
MLN2WH	20mm	100
MLN3WH	25mm	25
MLN4WH	32mm	10



Plain body cable gland

code	conduit	cable size	pack
MCGP2WH	20mm	ø7-10.5	25
MCGP2AWH	20mm	ø4-7	25



Conduit to mini adaptor

code	size	pack
TAC1/2WH	MMT1/20mm round	20

Circular boxes



Loop-in boxes

code	size	pack
0MRB12WH	plain	30
2MRB12WH	4 x ø20mm KO	30
3MRB12WH	2 x ø25mm KO	30



Terminal

code	size	pack
2MRB2WH	20mm	20
3MRB2WH	25mm	20



Through

code	size	pack
2MRB3WH	20mm	20
3MRB3WH	25mm	20

Circular boxes

PVC-U plain bored circular boxes are suitable for suspending loads of up to 3kg centrally at 60°C maximum. Fixing centres are at 50.8mm and fitted with M4 brass inserts.



Angle

code	size	pack
2MRB4WH	20mm	20
3MRB4WH	25mm	20



Tee

code	size	pack
2MRB5WH	20mm	20
3MRB5WH	25mm	20



4-way

code	size	pack
2MRB6WH	20mm	10
3MRB6WH	25mm	10



Branch 2-way or U

code	size	pack
2MRB13WH	20mm	20
3MRB13WH	25mm	20



Branch 3-way or Y

code	size	pack
2MRB14WH	20mm	20
3MRB14WH	25mm	18



Twin through way or H

code	size	pack
2MRB15WH	20mm	20
3MRB15WH	25mm	14



Back outlet

code	size	pack
2MRB1WH	20mm	20
3MRB1WH	25mm	10



Terminal/back outlet

code	size	pack
2MRB7WH	20mm	20
3MRB7WH	25mm	10



Through/back outlet

code	size	pack
2MRB8WH	20mm	20
3MRB8WH	25mm	10



Angle/back outlet

code	size	pack
2MRB9WH	20mm	20
3MRB9WH	25mm	10



Tee/back outlet

code	size	pack
2MRB10WH	20mm	20
3MRB10WH	25mm	10



4-way/back outlet

code	size	pack
2MRB11WH	20mm	20



Circular rubber gasket

code	size	pack
MRG1	66mm diam	100

** Black only



Circular lids

code	size	pack
MCL1WH	Flush fitting (65mm diam)	100
MCL2WH	overlapping (85mm diam)	100



Brass earthing terminal

code	rating	pack
MET1	15Amp	100



Circular extension rings

code	size	pack
MER1WH	12mm	20
MER2WH	20mm	20
MER3WH	25mm	20
MER4WH	32mm	20
MER5WH	38mm	10

Circular Extension Rings have two lugs fitted with M4 brass inserts and two plain bored lugs

Circular box fittings

Square adaptable boxes



Terminal

code	size	pack
4SJB1WH	32mm	1
5SJB1WH	38mm	1



Through

code	size	pack
4SJB2WH	32mm	1
5SJB2WH	38mm	1

Square boxes

PVC-U square adaptable boxes have 32mm or 38mm entries. Boxes have a 75 x 75 x 60mm internal size.



Angle

code	size	pack
4SJB3WH	32mm	1
5SJB3WH	38mm	1



Tee

code	size	pack
4SJB4WH	32mm	1
5SJB4WH	38mm	1



Four-way

code	size	pack
4SJB5WH	32mm	1
5SJB5WH	38mm	1



***Conduit solvent cement**

code	pack
MSC	1x250ml

*Child resistant lid

Accessories



Bending spring heavy gauge (green end)

code	conduit size	pack
MBSH2	20mm	1
MBSH3	25mm	1
MBSH4	32mm	1
MBSH5	38mm	1
MBSH6	50mm	1



Bending spring light gauge (white end)

code	conduit size	pack
MBSL2	20mm	1
MBSL3	25mm	1
MBSL4	32mm	1



Nylon draw tape

code	pack
MDT10	1 x 10m
MDT20	1 x 20m
MDT30	1 x 30m

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Corrugated conduit



Cheese head screws

code	pack
M4 x 8mm	200
M4 x 12mm	200
M4 x 20mm	100
M4 x 25mm	100



Channel (white only)

code	dimensions	pack
ECC21WH	13 x 8mm	50 x 2m
ECC22WH	25 x 9mm	50 x 2m
ECC23WH	38 x 9mm	50 x 2m



Cable protection guard (black only)

code	description	pack
MTCG19BK	19 x 19mm	10 x 3m
MTCG25BK	25 x 25mm	10 x 3m
MTCG40BK	40 x 40mm	10 x 3m
MTCG55BK	55 x 55mm	10 x 3m
MTCG80BK	80 x 80mm	5 x 3m



Corrugated conduit (Polypropylene)

code	O.D	pack
CC2000WH	20mm	1 x 50m
CC2000BK	20mm	1 x 50m
CC2500WH	25mm	1 x 50m



Straight adaptors (nylon)

code	size	pack
CC2010WH	20mm	25
CC2510WH	25mm	25

Surface mounted



1 gang – square corners

code	depth	pack
*MSSB10KWH	32mm	20
MSSB17KWH	44mm	10



2 gang – square corners

code	depth	pack
*MSSB11KWH	32mm	10
MSSB23KWH	44mm	5



1 gang – radius corners

code	depth	pack
MSSB19KWH	32mm	20
MSSB40KWH	44mm	10



2 gang – radius corners

code	depth	pack
MSSB21KWH	32mm	10
MSSB41KWH	44mm	5

*All standard surface boxes have 20mm KOs except MSSB10K and MSSB11K which have 20mm pre-punched holes

Flush mounted



1 gang – adjustable lug

code	depth	pack
MSSB1WH	35mm	12
MSSB47WH	47mm	10

Entries: 2 x ø20mm on each of 3 sides (MSSB25) Entries: 2 x ø20mm on each of 4 sides (MSSB1 and MSSB47)



2 gang – adjustable lug

code	depth	pack
MSSB3WH	35mm	6

Entries: 4 x ø20mm on horizontal sides, 2 x ø20mm on vertical sides

Surface and flush mounted boxes

Surface mount boxes

1 gang = 87 x 87mm with 60.3 fixing centres

2 gang = 147 x 87mm with 120.6 fixing centres

Flush mount boxes

1 gang = 74 x 74mm with 60.3 fixing centres

2 gang = 134 x 74mm with 120.6 fixing centres

Cover plates



1 gang – flat

code	depth	pack
MSCP2WH	2mm	20

Size: 86 x 86mm O/A



1 gang – raised

code	depth	pack
MSSP10WH	9mm	10

Size: 85 x 85mm O/A



Flush mounted 1 gang cover – clip-on

code	depth	pack
MSCP1WH	5.3mm	20

Size: 78 x 78mm O/A



2 gang – flat

code	depth	pack
MSCP3WH	2mm	10

Size: 86 x 146mm O/A



2 gang – raised

code	depth	pack
MSSP20WH	9mm	2

Size: 85 x 145mm O/A



Brass earthing terminal

code	rating	pack
MET1	15Amp	100

PVC-U Oval conduit and fittings are typically used to protect cables buried in shallow voids or chased into walls.

Product information

- Low depth conduit
- PVC-U conduit is a recyclable material
- PVC-U is a non-flame propagating material
- The range exceeds BS and EN standards

Standard colour
WH
WH: White



Oval conduit and fittings



Oval conduit Extra super high impact

code:	O.D	Dimensions	Pack
EC016WH	13mm	13 x 8mm	50 x 3m
EC017WH	16mm	16 x 10mm	50 x 3m
EC018WH	20mm	23 x 11mm	50 x 3m
EC019WH	25mm	29 x 11mm	20 x 3m
EC020WH	32mm	32 x 11mm	20 x 3m

Oval clips

code	size	pack
MOC1WH	13mm	100
MOC2WH	16mm	100
MOC3WH	20mm	100
MOC4WH	25mm	100
MOC5WH	32mm	100



Oval strap saddle

code	size	pack
MOCSS20WH	20mm	50
MOCSS25WH	25mm	50

Oval bush

code	size	pack
MOCB20WH	20mm	25
MOCB25WH	25mm	25

Oval connector

code	size	pack
MOCC20WH	20mm	25
MOCC25WH	25mm	25

Oval to round adaptors

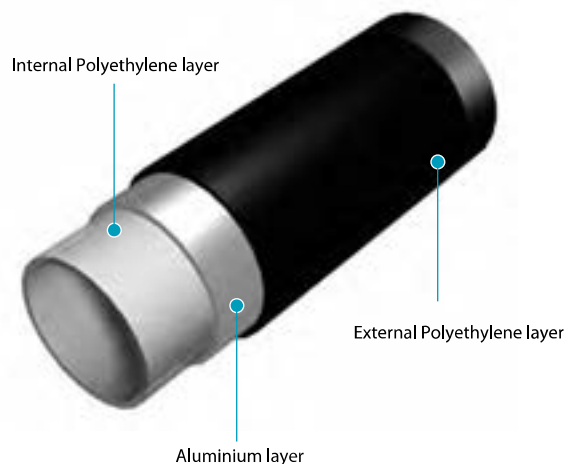
code	size	pack
MOR2WH	20mm oval/ ø20mm	50

CONDUIT SYSTEMS

MT Supertube is a unique, LSOH, 3-layer heavy gauge conduit comprising polyethylene internal and external layers over a continuous aluminium tube that provides additional mechanical strength. MT Supertube has excellent EMI screening performance and is a practical and cost-saving alternative to standard galvanised conduits.

Product information

- 20mm and 25mm
- LSOH conduit
- Excellent screening performance
- Suitable for rail, marine and tunnel applications
- ZERO WASTE: available in continuous lengths of up to 100 metres, meaning fewer fittings per installation
- Longer lengths also prevent ingress of water
- Extra security
- Suitable for in-screed applications
- Withstands temperatures from - 40°C to + 120°C
- Nail penetration: MT Supertube complies with requirements for BS 7671, BS 8436 and BS EN 61386



Standard Colours	
WH	BK
WH: White BK: Black	

Colour code suffix: to indicate the finish you require, add the required colour code to the end of the product code. Other colour options are available but may be subject to longer lead times and minimum order quantities. For further information contact the Technical Team on 01424 856688.

FIRE SECURITY

MT Supertube FR Plus

MT Supertube is available to meet the requirements of LUL (London Underground Ltd) engineering standard 2-01001-002:issue A1, material classification EQ/1 (equipment/limited and dispersed). For more information please refer to page 215 of Fire and Security Containment Systems or call the Technical Team on 01424 856688.

Please note Supertube FR Plus is not a standard stock item and therefore lead times will apply.



MT Supertube conduit

code	size	pack
22003WH	20mm	30 x 3m
22503WH	25mm	30 x 3m



MT Supertube coils

code	size	pack
22010BK	20mm	1 x 100m
22505BK	25mm	1 x 50m

p265

Technical Information

Coils and lengths

Tools



Tube cutter

code	size	pack
20001	20-25mm	1



Stripping tool (pre-set)

code	size	pack
20002	20-25mm	1



Compact tube bender

code	size	pack
20003	20-25mm	1

Boxes (metal)



Terminal box

code	size	pack
22072BK	20mm	10
22572BK	25mm	10



Tee box

code	size	pack
22075BK	20mm	10
22575BK	25mm	10

MT Supertube EMI protection boxes and fittings

- Provision to accept a 4mm earthing screw
- All boxes supplied with conduit retaining screw
- All boxes are designed to comply with the requirements of BS 7671
- Taper push-fit conduit entry
- Fittings are available in black and white



Through box

code	size	pack
22073BK	20mm	10
22573BK	25mm	10



Angle box

code	size	pack
22074BK	20mm	10
22574BK	25mm	10



Flush lid

code	pack
20007BK	1

Fittings (metal)



Female adaptor with brass bush

code	size	pack
22077BK	20mm	10
22577BK	25mm	10



Male adaptor thread insert

code	size	pack
22078MF	20mm	10
22578MF	25mm	10



Coupler

code	size	pack
22079BK	20mm	10
22579BK	25mm	10

Fittings (polycarbonate)



Spacer bar snap saddle LSOH

code	size	pack
22051BK	20mm	100



Spacer bar saddle LSOH

code	size	pack
22552BK	25mm	100



U-clip LSOH

code	size	pack
22053BK	20mm	100
22553BK	25mm	50

Boxes (polycarbonate)



Loop-in box

code	size	pack
22011BK	2 x ø20mmKO	20
22511BK	2 x ø25mmKO	20



Terminal box

code	size	pack
22012BK	20mm	20
22512BK	25mm	20



Through box

code	size	pack
22013BK	20mm	20
22513BK	25mm	20

MT Supertube LSOH boxes and fittings

- Suitable of suspending a load of up to 3kg centrally at 60°C maximum
- Fixing centres 50.8mm fitted with M4 brass inserts
- Provision for brass earthing terminals
- Boxes comply with the requirements of BS 7671 Wiring Regulations and BS 4607 where applicable
- Fittings are available in black and white



Angle box

code	size	pack
22014BK	20mm	20
22514BK	25mm	20



Tee box

code	size	pack
22015BK	20mm	20
22515BK	25mm	20



4-way box

code	size	pack
22016BK	20mm	20
22516BK	25mm	10



Flush lid

code	pack
20005BK	100

Fittings (polycarbonate)



Male adaptor

code	size	pack
22042BK	20mm	25
22542BK	25mm	25



Clip-in-spout

code	size	pack
22043BK	20mm	25
22543BK	25mm	25



Coupler

code	size	pack
22044BK	20mm	100
22544BK	25mm	50



Sealant

code	size	pack
20006	30ml	1x30ml



Spacer bar snap saddle

code	size	pack
22051BK	20mm	100



Spacer bar saddle

code	size	pack
22552BK	25mm	100



U-clip

code	size	pack
22053BK	20mm	100
22553BK	25mm	50



Inspection elbow

code	size	pack
22045BK	20mm	20



Inspection bend

code	size	pack
22546BK	25mm	20



Inspection tee

code	size	pack
22047BK	20mm	20
22547BK	25mm	20

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