

# CONDUIT AND CHANNEL SYSTEMS

Round and oval PVC-U conduit  
channel and fittings.

CONDUIT AND CHANNEL SYSTEMS

 REASSURINGLY  
RECYCLED

 Marshall  
Tufflex

# CONDUIT AND CHANNEL

Conduit and channel made from super high impact self-extinguishing PVC-U.

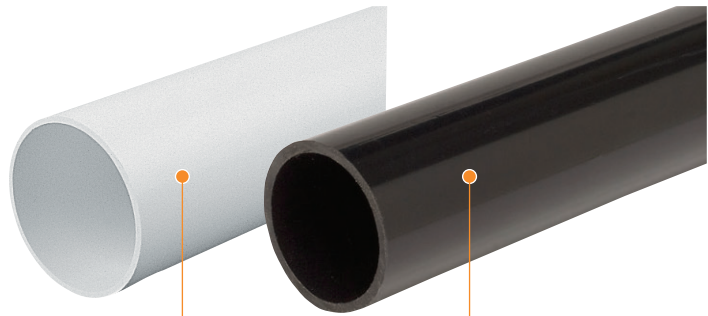
## Product information

### Conduit

- Light and heavy gauge options
- Meet requirements for BS 4607, BS EN 61386-1: 2008+A1:2019, BS EN 61386-21:2021+A11:2021 and BS EN 61386-25:2011 where applicable
- Fire clips and straps to support cables and prevent premature collapse in the event of a fire.

### Boxes

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



Light and heavy gauge options

**REASSURINGLY RECYCLED**

**OUR WHITE CONDUIT LENGTHS ARE MANUFACTURED USING 100% RECYCLED MATERIAL.**

### 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.



### Light gauge

| code  | O.D  | pack    |
|-------|------|---------|
| CR2WH | 20mm | 30 x 3m |
| CR3WH | 25mm | 30 x 3m |
| CR4WH | 32mm | 10 x 3m |



### Heavy gauge

| code  | O.D  | pack    |
|-------|------|---------|
| CR6WH | 20mm | 30 x 3m |
| CR7WH | 25mm | 30 x 3m |
| CR8WH | 32mm | 10 x 3m |



### Oval conduit (white only)

| code    | dimensions    | pack    |
|---------|---------------|---------|
| ECO16WH | 13 x 8mm      | 50 x 3m |
| ECO17WH | 16 x 10mm     | 50 x 3m |
| ECO18WH | 23 x 11mm     | 50 x 3m |
| ECO19WH | 29 x 11mm     | 20 x 3m |
| ECO20WH | 32 x 11mm     | 20 x 3m |
| ECO24WH | 24.5 x 16.5mm | 50 x 3m |



### Channel (white only)

| code    | dimensions | pack    |
|---------|------------|---------|
| ECC21WH | 12 x 8mm   | 50 x 2m |
| ECC22WH | 25 x 8mm   | 50 x 2m |
| ECC23WH | 38 x 9mm   | 50 x 2m |

CONDUIT AND CHANNEL SYSTEMS

Conduit and channel

Conduit fittings



### Expansion couplers

| code   | size | pack |
|--------|------|------|
| MEC2WH | 20mm | 25   |
| MEC3WH | 25mm | 10   |

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   |



### Reducers

| code  | size      | pack |
|-------|-----------|------|
| MR2WH | 25 x 20mm | 50   |

Don't forget, Firefly clips to comply with the current edition of BS 7671 Wiring Regulations - see page 55



### 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   |



**Adaptors (Female thread)**

| code   | size | pack |
|--------|------|------|
| MAB2WH | 20mm | 100  |
| MAB3WH | 25mm | 50   |
| MAB4WH | 32mm | 25   |



**Adaptors (Male thread)**

| code  | size | pack |
|-------|------|------|
| MA7WH | 20mm | 100  |
| MA8WH | 25mm | 50   |



**Adaptors (Clip-in spout)**

| code   | size | pack |
|--------|------|------|
| MCA2WH | 20mm | 100  |

Not available in black



**Male bushes**

| code   | size | pack |
|--------|------|------|
| MMB2WH | 20mm | 100  |
| MMB3WH | 25mm | 100  |
| MMB4WH | 32mm | 25   |



**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   |



**Oval clips**

| code   | size | pack |
|--------|------|------|
| MOC1WH | 13mm | 100  |
| MOC2WH | 16mm | 100  |
| MOC3WH | 23mm | 100  |
| MOC4WH | 29mm | 100  |
| MOC5WH | 32mm | 100  |



**Strap saddles**

| code   | size | pack |
|--------|------|------|
| MSS2WH | 20mm | 100  |
| MSS3WH | 25mm | 100  |

Not available in black



**Spacer bar saddles**

| code   | size | pack |
|--------|------|------|
| MSB2WH | 20mm | 100  |
| MSB3WH | 25mm | 100  |
| MSB4WH | 32mm | 50   |



**Spacer bar snap saddle**

| code    | size | pack |
|---------|------|------|
| MSBS2WH | 20mm | 100  |



**Threaded cable gland**

| code   | size | cable size | pack |
|--------|------|------------|------|
| MCG2WH | 20mm | ø7-10.5    | 100  |
| MCG3WH | 25mm | ø8-13      | 25   |

Not available in black



**Plain body cable gland**

| code    | size | cable size | pack |
|---------|------|------------|------|
| MCGP2WH | 20mm | ø7-10.5    | 25   |

Not available in black



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

| code   | size | pack |
|--------|------|------|
| MLN2WH | 20mm | 100  |



**Conduit to mini adaptor**

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



NEW

**Metal spacer bar saddle**

| code    | conduit | pack |
|---------|---------|------|
| SB20MWH | 20mm    | 100  |
| SB25MWH | 25mm    | 100  |
| SB32MWH | 32mm    | 50   |

To support cables and prevent premature collapse in the event of a fire.

### Circular boxes



#### Loop-in boxes

| code       | size         | pack |
|------------|--------------|------|
| 2MRB12WH   | 4 x ø20mm KO | 20   |
| 3MRB12WH*2 | x ø25mm KO   | 20   |

\*Not available in black



#### 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 | 20   |
| 3MRB6WH* | 25mm | 10   |

\*Not available in black



#### Branch 2-way or U

| code      | size | pack |
|-----------|------|------|
| 2MRB13WH* | 20mm | 20   |
| 3MRB13WH  | 25mm | 20   |

\*Not available in black



#### Branch 3-way or Y

| code     | size | pack |
|----------|------|------|
| 2MRB14WH | 20mm | 20   |
| 3MRB14WH | 25mm | 20   |

Not available in black



#### Twin through way or H

| code     | size | pack |
|----------|------|------|
| 2MRB15WH | 20mm | 20   |
| 3MRB15WH | 25mm | 10   |

Not available in black



#### Back outlet

| code    | size | pack |
|---------|------|------|
| 2MRB1WH | 20mm | 20   |

Not available in black

### Circular box fittings



#### Circular rubber gasket

| code | size      | pack |
|------|-----------|------|
| MRG1 | 66mm diam | 100  |

Black only



#### Circular lids

| code   | size                         | pack |
|--------|------------------------------|------|
| MCL1WH | flush fitting<br>(65mm diam) | 100  |
| MCL2WH | overlapping<br>(85mm diam)   | 100  |



#### Circular extension rings

| code   | size | pack |
|--------|------|------|
| MER2WH | 20mm | 20   |
| MER3WH | 25mm | 20   |
| MER4WH | 32mm | 20   |

Circular extension rings have two lugs fitted with M4 brass inserts and two plain bored lugs. Not available in black

**U** For Universal Switch and Socket boxes suitable for conduit/mini installations, see page 46-

### Flush mounted boxes



#### 1 gang – adjustable lug

| code     | depth | pack |
|----------|-------|------|
| MSSB1WH  | 35mm  | 12   |
| MSSB47WH | 47mm  | 10   |

Entries: 2 x ø20mm on each of 4 sides (MSSB1 and MSSB47). Not available in black



#### 2 gang – adjustable lug

| code    | depth | pack |
|---------|-------|------|
| MSSB3WH | 35mm  | 6    |

Entries: 4 x ø20mm on horizontal sides, 2 x ø20mm on vertical sides. Not available in black

#### Flush mounted boxes

Flush mounted boxes can be used with conduit in plasterboard or solid walls. The flanged lip aids a secure fit between the back box and switchgear reducing the chances of contact with live parts.

1 gang = 74 x 74mm with 60.3 fixing centres  
2 gang = 134 x 74mm with 120.6 fixing centres

Accessories



**Bending spring heavy gauge (green end)**

| code  | conduit size | pack |
|-------|--------------|------|
| MBSH2 | 20mm         | 1    |
| MBSH3 | 25mm         | 1    |
| MBSH4 | 32mm         | 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 |



**PVC pipe cutter**

| code   | pack |
|--------|------|
| MTPC42 | 1    |



**Brass earthing terminal**

| code | rating | pack |
|------|--------|------|
| MET1 | 15Amp  | 100  |



**Conduit solvent cement**

| code | pack    |
|------|---------|
| MSC  | 1x250ml |

Child resistant lid

Conduit fire clips



**Fire clip 20mm round conduit**

| code   | pack |
|--------|------|
| FCCR20 | 100  |



**Fire clip 25mm round conduit**

| code   | pack |
|--------|------|
| FCCR25 | 100  |

**Regulations**

Regulations state that Wiring Systems shall be supported such that they will not be liable to premature collapse in the event of fire. This applies to all access or egress routes not just escape routes. Firefly clips meet the requirements of BS 7671:2018 section 521.10.202 Wiring Regulations to secure all surface cables and to avoid the risk of entanglement in the event of a fire.

Conduit fire straps



**Fire clip 20mm conduit strap**

| code      | colour | pack |
|-----------|--------|------|
| FCCRC20WH | white  | 50   |
| FCCRC20BK | black  | 50   |



**Fire clip 25mm conduit strap**

| code      | colour | pack |
|-----------|--------|------|
| FCCRC25WH | white  | 50   |
| FCCRC25BK | black  | 50   |



**Fire clip 32mm conduit strap**

| code      | colour | pack |
|-----------|--------|------|
| FCCRC32WH | white  | 50   |
| FCCRC32BK | black  | 50   |

Fire clip fixings



**Masonry screws & washers**

| code | pack |
|------|------|
| FCMS | 100  |



**Cavity fixings & screws**

| code | pack |
|------|------|
| FCCS | 50   |

We recommend using the masonry or cavity screws and washers for all installations

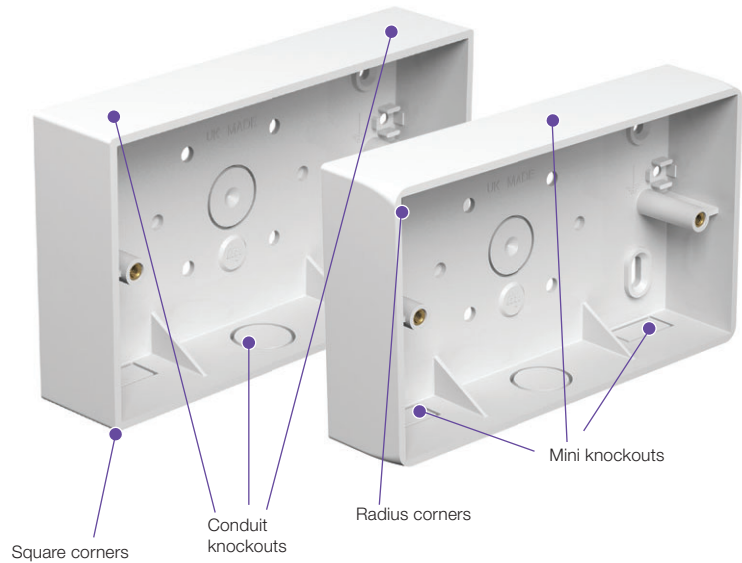


# SWITCH AND SOCKET BOXES

Switch and socket boxes for use with conduit or mini trunking with a range of knockout options.

### Product information

- Universal box options with knockouts for both conduit and mini
- Radius and square corner variants
- External dimensions: 1 gang - 87 x 87mm; 2 gang - 87 x 147mm
- M3.5 brass inserts
- Can be cut and drilled without the risk of shattering
- Boxes comply with BS 4662:2006+A1:2009
- Moulded enclosures and earth rod boxes



ACCESSORY BOXES, PLATES AND ENCLOSURES

## Square corners



**1 gang accessory box with KO 3 x MMT2 & 3 x MMT1**

| code     | depth | pack |
|----------|-------|------|
| MSSB28WH | 19mm  | 20   |



**1 gang accessory box with KO 1 x MMT2 & 1 X CR6/CR2**

| code     | depth | pack |
|----------|-------|------|
| MSSB91WH | 32mm  | 20   |
| MSSB71WH | 44mm  | 10   |



**2 gang accessory box with KO 3 x MMT2 & 3 X CR6/CR2**

| code     | depth | pack |
|----------|-------|------|
| MSSB92WH | 32mm  | 10   |
| MSSB72WH | 44mm  | 5    |

| Standard Colour |
|-----------------|
| WH              |
| WH: White       |

## Radius corners



**1 gang accessory box with KO 3 x MMT2 & 3 x MMT1**

| code     | depth | pack |
|----------|-------|------|
| MSSB27WH | 19mm  | 20   |



**1 gang accessory box with KO 1 x MMT2 & 1 x CR6/CR2**

| code     | depth | pack |
|----------|-------|------|
| MSSB93WH | 32mm  | 20   |
| MSSB73WH | 44mm  | 10   |



**2 gang accessory box with KO 3 x MMT2 & 3 x CR6/CR2**

| code     | depth | pack |
|----------|-------|------|
| MSSB94WH | 32mm  | 20   |
| MSSB74WH | 44mm  | 10   |



**2 x 1 gang accessory box with KO 2 x MMT2**

| code     | depth | pack |
|----------|-------|------|
| MSSB82WH | 32mm  | 10   |

# UNIVERSAL SWITCH & SOCKET BOXES

Marshall-Tufflex Universal boxes have handy knockouts for both 20mm conduit and 25x16mm mini trunking, meaning less variations to store and manage.

The single gang boxes feature one central knockout for mini trunking and one central knockout for conduit. Twin gang boxes feature three knockouts for mini trunking and three for conduit providing various entry points.

