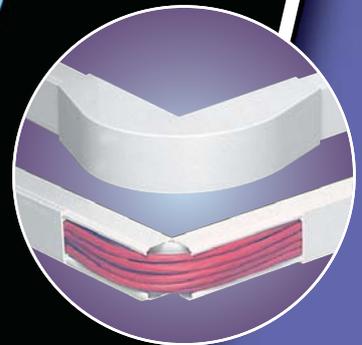
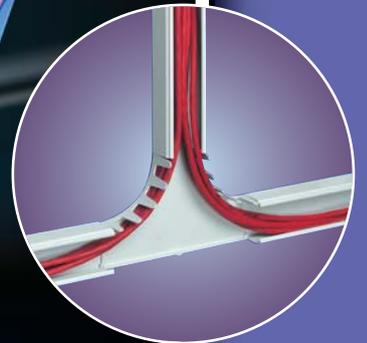
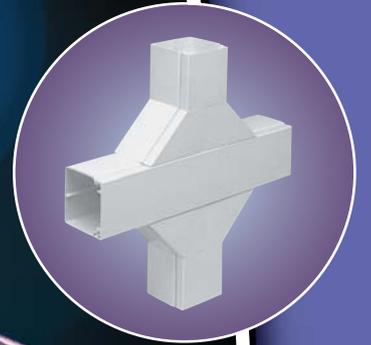
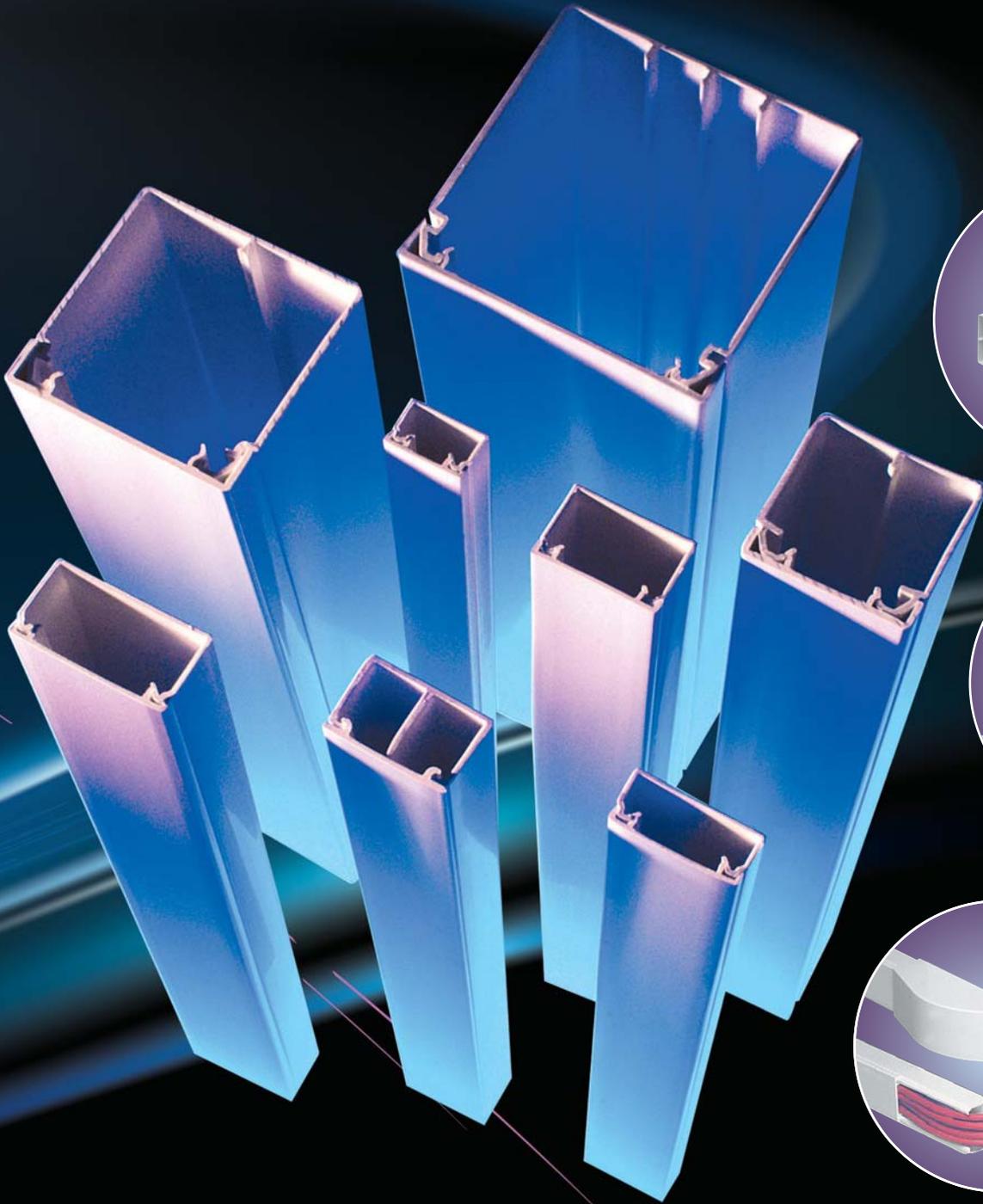


Marshall-Tufflex

Mini & Maxi Trunking



www.marshall-tufflex.com



MINI-TRUNKING

Mini-Trunking has been designed to match in with both the square and radius cornered surface mounted switch and socket boxes.

- Various sizes are available including three versions with a central dividing fillet.
- The body of the trunking is strong and tough and will take up irregularities in wall and ceiling surfaces with ease.
- The ingenious clip-on lid is easily removed by the contractor for maintenance or alteration of the cabling system.
- Six sizes are available in self-fixing form with double-sided adhesive tape for ease of installation.



TECHNICAL INFORMATION

Designed to give improved appearance and security to surface cables, Marshall-Tufflex Mini-Trunking with its extensive range of fittings and dedicated accessory boxes, offers an efficient and economical solution to cable management.

INSTALLATION

Before installing the trunking confirm the route of the main circuits marking spurs and accessory positions.

MOUNTING

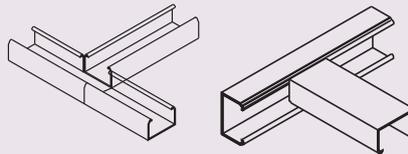
Drill oversize holes and secure at least every 375mm in low level applications using round head screws with washers. Do not over tighten to allow for thermal movement. See Material Data page 208 for Thermal Properties.

ACCESSORY BOXES

Select the appropriate box and remove the required knock-out, cleaning any burrs from around aperture. Snap adaptor into position on the box and place into position. Ensure trunking seats securely into adaptor. Secure the box using diagonally opposite fixing holes with No.8 countersunk screws.

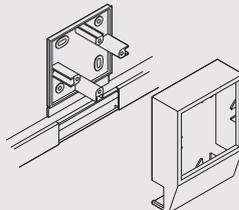
JOINTS

At each joint 3mm should be left for expansion. Internal bends must be mitred to ensure total enclosure of trunking. External bends should be cut square with the corner and flat angles and tees, cut the side wall of trunking for cable entry. None of the cutting is critical as the clip-on fittings have a built-in overlap for the lid and side walls.



SHROUDED ENTRY BOXES

Designed to enable the termination of standard accessories without loss of capacity in the trunking and avoiding the need for spurs. Place back-plate into position and secure using diagonally opposite fixing holes. Feed the cables through the trunking cover and clip box into position.



END CAPS

These should be secured into position by using solvent adhesive MSC3.

LID

On completion of the base and cable installation, starting at a convenient place, snap alternative fitting and lid into place ensuring fittings completely overlap the lid.

SELF-FIXING MINI-TRUNKING

To secure base of trunking remove protective film exposing 100-150mm of adhesive foam. Line up accurately and press firmly into position. Repeating the procedure until the base is installed. For long term permanence we recommend additional securing with screws and washers.

Note: The bond created by the tape can be very strong. Maximum adhesion occurs after 24 hours. Ensure surface is dust free, dry, clean and flat. Uneven surface contact will reduce the bonding performance.

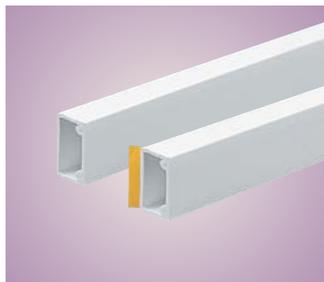
Installation in cold conditions below +5°C may affect adhesion.

Continue as for normal Mini-Trunking for the rest of the installation.

MINI-TRUNKING CAPACITIES

| MT Ref | Size mm | 45% Capacity |
|--------|---------|----------------------|
| MMT00 | 10 x 8 | 18.5mm ² |
| MMT0 | 16 x 10 | 42mm ² |
| MMT1 | 16 x 16 | 77.2mm ² |
| MMT2 | 25 x 16 | 119.7mm ² |
| MMT3 | 38 x 16 | 198.8mm ² |
| MMT4 | 38 x 25 | 342mm ² |
| MMT5 | 50 x 25 | 449mm ² |
| MMT6 | 38 x 38 | 501mm ² |
| MMT7 | 75 x 16 | 167.4mm ² |

MINI-TRUNKING continued



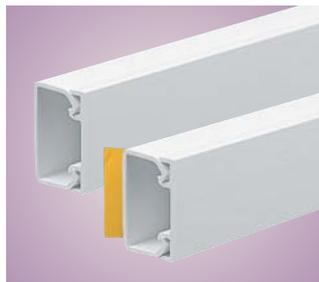
Mini-Trunking

| Prod Code | Size | Pack |
|-----------|-----------|---------|
| MMT0WH | 16 x 10mm | 40 x 3m |
| MMT0SFWH | 16 x 10mm | 40 x 3m |



Mini-Trunking

| Prod Code | Size | Pack |
|-----------|-----------|---------|
| MMT1WH | 16 x 16mm | 30 x 3m |
| MMT1SFWH | 16 x 16mm | 30 x 3m |



Mini-Trunking

| Prod Code | Size | Pack |
|-----------|-----------|---------|
| MMT2WH | 25 x 16mm | 30 x 3m |
| MMT2SFWH | 25 x 16mm | 30 x 3m |



Mini-Trunking

| Prod Code | Size | Pack |
|-----------|-----------|---------|
| MMT3WH | 38 x 16mm | 15 x 3m |
| MMT3SFWH | 38 x 16mm | 15 x 3m |



Mini-Trunking

| Prod Code | Size | Pack |
|-----------|-----------|---------|
| MMT3CWH | 38 x 16mm | 15 x 3m |



Mini-Trunking

| Prod Code | Size | Pack |
|-----------|-----------|---------|
| MMT4WH | 38 x 25mm | 15 x 3m |
| MMT4SFWH | 38 x 25mm | 15 x 3m |



Mini-Trunking

| Prod Code | Size | Pack |
|-----------|-----------|---------|
| MMT4CWH | 38 x 25mm | 15 x 3m |



Mini-Trunking

| Prod Code | Size | Pack |
|-----------|-----------|---------|
| MMT5WH | 50 x 25mm | 12 x 3m |



Mini-Trunking

| Prod Code | Size | Pack |
|-----------|-----------|---------|
| MMT6WH | 38 x 38mm | 12 x 3m |



Mini-Trunking

| Prod Code | Size | Pack |
|-----------|-----------|---------|
| MMT7WH | 75 x 16mm | 12 x 3m |

FOR MINI DATA FITTINGS SEE COMPONENT CHART ON PAGES 4 & 5

SELF FIXING CABLE COVER

For improved appearance and security to surface cables.

| Prod Code | Size | Pack |
|-----------|---------------|---------|
| 14000SFWH | 29.5 x 10mm | 10 x 3m |
| 14010SFWH | 41.5 x 12.5mm | 10 x 3m |

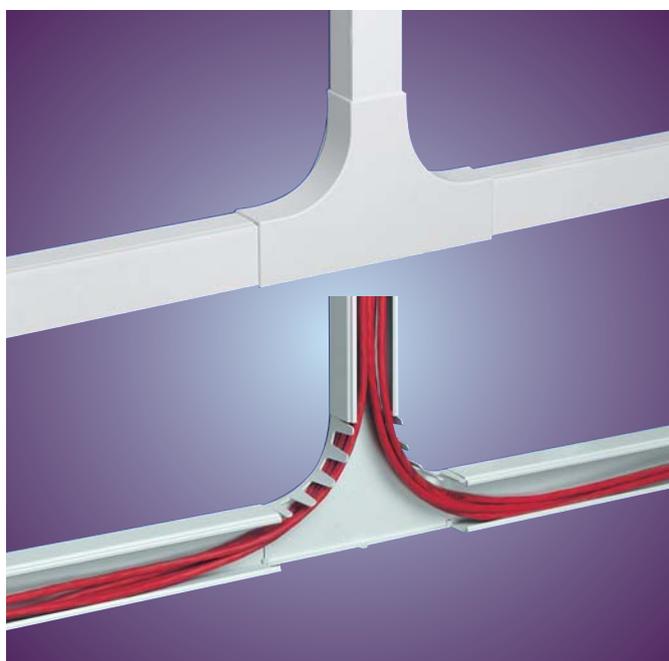


SELF FIXING MICRO TRUNKING

| Prod Code | Size | Pack |
|-----------|----------|---------|
| MMT00SFWH | 10 x 8mm | 40 x 3m |



MMT4 Mini Trunking featuring Data Tee with bend radius control.



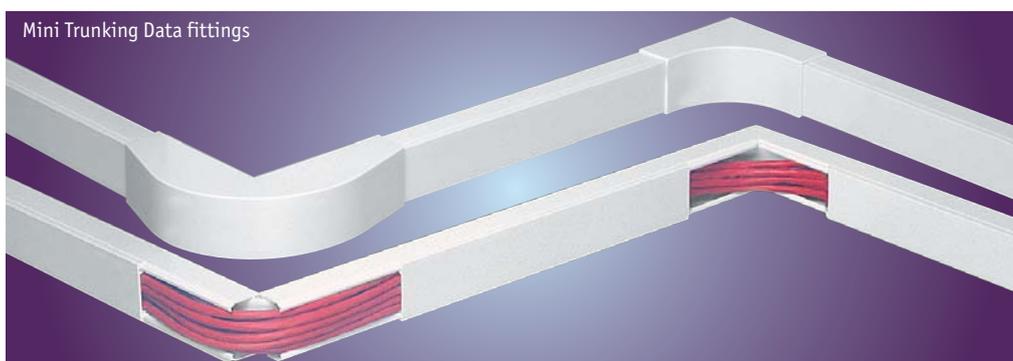
MINI-TRUNKING continued

MINI TRUNKING COMPONENT CHART

| | | | | | DATA | DATA | | DATA | DATA |
|---|---|-------------------------|---------------------------|--------------------------|-----------------------------|----------------------------|--------------------------|-----------------------------|----------------------------|
| | | External Coupler | End Cap | Internal Bend | Data Internal Bend Assembly | Data Internal Bend Cover | External Bend | Data External Bend Assembly | Data External Bend Cover |
| MMT00SFWH 10 x 8mm Pack 40 x 3m |  | — | — | — | — | — | — | — | — |
| MMT0WH MMT0SFWH 16 x 10mm Pack 40 x 3m |  | — | — | — | — | — | — | — | — |
| MMT1WH MMT1SFWH 16 x 16mm Pack 30 x 3m |  | TC1WH Pack 40 | TEC1WH Pack 100 | TIB1WH Pack 50 | — | — | TEB1WH Pack 50 | — | — |
| MMT2WH MMT2SFWH 25 x 16mm Pack 30 x 3m |  | TC2WH Pack 40 | TEC2WH Pack 100 | TIB2WH Pack 30 | — | — | TEB2WH Pack 30 | — | — |
| MMT3WH MMT3SFWH 38 x 16mm Pack 15 x 3m |  | TC3WH Pack 25 | TEC3WH Pack 50 | TIB3WH Pack 25 | — | — | TEB3WH Pack 25 | — | — |
| MMT3CWH 38 x 16mm Pack 15 x 3m |  | TC3WH Pack 25 | TEC3WH Pack 50 | TIB3WH Pack 25 | — | — | TEB3WH Pack 25 | — | — |
| MMT4WH MMT4SFWH 38 x 25mm Pack 15 x 3m |  | TC4WH Pack 25 | TEC4WH Pack 30 | TIB4WH Pack 25 | TIDB4WH* Pack 5 | TIDB4CWH* Pack 5 | TEB4WH Pack 25 | TEDB4WH* Pack 5 | TEDB4CWH* Pack 5 |
| MMT4CWH 38 x 25mm Pack 15 x 3m |  | TC4WH Pack 25 | TEC4WH Pack 30 | TIB4WH Pack 25 | — | — | TEB4WH Pack 25 | — | — |
| MMT5WH 50 x 25mm Pack 12 x 3m |  | TC5WH Pack 20 | TEC5WH Pack 20 | TIB5WH Pack 20 | — | — | TEB5WH Pack 20 | — | — |
| MMT6WH 38 x 38mm Pack 15 x 3m |  | TC6WH Pack 10 | TEC6WH Pack 20 | TIB6WH Pack 10 | — | — | TEB6WH Pack 10 | — | — |
| MMT7WH 75 x 16mm Pack 12 x 3m |  | — | — | — | — | — | — | — | — |

| Offset Ceiling Tee | Angle Tee |
|---|---|
|  |  |
| TOCT2/1WH TOCT2/2WH Pack 10 | TAT2LHWH (shown) TAT2RHWH Pack 10 |

| | DATA | DATA | | DATA | DATA | | DATA | DATA | |
|--|---|---|---|---|---|--|---|---|---|
| Flat Bend | Data Flat Bend Assembly | Flat Bend Cover | Equal Tee | Data Equal Tee Assembly | Data Equal Tee Cover | Unequal Tee | Data Unequal Tee Assembly | Data Unequal Tee Cover | Ceiling Tee |
|  |  |  |  |  |  |  |  |  |  |
| — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — |
| TFB1WH Pack 60 | — | — | TT1-1WH Pack 20 | — | — | — | — | — | TCT1/1WH Pack 10 |
| TFB2WH Pack 30 | — | — | TT2-2WH Pack 30 | — | — | TT2-1WH Pack 30 | — | — | TCT2/1WH TCT2/2WH Pack 10 |
| TFB3WH Pack 25 | — | — | TT3-3WH Pack 25 | — | — | TT3-1WH TT3-2WH Pack 20 | — | — | — |
| TFB3WH Pack 25 | — | — | TT3-3WH Pack 25 | — | — | TT3-1WH TT3-2WH Pack 20 | — | — | — |
| TFB4WH Pack 20 | TFDB4WH* Pack 5 | TFDB4CWH* Pack 5 | TT4-4WH Pack 20 | TDT4-4WH* Pack 5 | TDT4-4CWH* Pack 5 | TT4-1WH TT4-2WH TT4-3WH Pack 20 | TDT4-2WH* Pack 5 | TDT4-2CWH* Pack 5 | TCT4/1WH TCT4/2WH Pack 10 |
| TFB4WH Pack 20 | — | — | TT4-4WH Pack 20 | — | — | TT4-1WH TT4-2WH TT4-3WH Pack 20 | — | — | TCT4/1WH TCT4/2WH Pack 10 |
| TFB5WH Pack 20 | — | — | TT5-5WH Pack 20 | — | — | — | — | — | — |
| TFB6WH Pack 10 | — | — | TT6-6WH Pack 10 | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — |



*Different discounts apply.

Contact Technical Hotline 01424 856688 for advice.

Colour Code Suffix
Please see Price List for colour variants.

MINI-TRUNKING continued



Ceiling Rose Adaptor

| Prod Code | Size | Pack |
|-----------|-----------------|------|
| TCR2WH | 2 K.O. for MMT1 | 10 |
| | 2 K.O. for MMT2 | |

Designed to accept all popular makes of ceiling rose. Supplied with fixing screws. Fixing centres 50.8mm. Internal depth 12mm. External diameter 81mm.



Surface Box Adaptors – MMT0/1/2/3

| Prod Code | Size | Pack |
|-----------|------|------|
| TA0WH | MMT0 | 50 |
| TA1WH | MMT1 | 50 |
| TA2WH | MMT2 | 50 |
| TA3WH | MMT3 | 20 |

TA0 fits MMT1-KO.



Tapered Adaptors – MMT1 & 2 to fit TA3 aperture

| Prod Code | Size | Pack |
|-----------|------|------|
| TA3/1LHWH | MMT1 | 20 |
| TA3/1RHWH | MMT1 | 20 |
| TA3/1CWH | MMT1 | 20 |
| TA3/2LHWH | MMT2 | 20 |
| TA3/2RHWH | MMT2 | 20 |
| TA3/2CWH | MMT2 | 20 |



Round Adaptor

| Prod Code | Size | Pack |
|-----------|-----------------|------|
| TAC1/2WH | MMT1/20mm round | 20 |

Klik Socket Adaptor

| Prod Code | Size | Pack |
|-----------|------|------|
| TSPA26WH | MMT6 | 10 |

SQUARE CORNER ACCESSORY BOXES

Fixed Lugs:
 Single Gang 87 x 87mm overall.
 Twin Gang 87 x 147mm overall.
 Surface mounting with Knockouts for Mini-Trunking adaptors.
 The depth measurement detailed is external. Deduct 2mm for internal depth.



Single Gang Accessory Box

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSB110WH | 19mm | 20 |

Entry for MMT3 LH, RH & Centre.



Single Gang Accessory Box

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSB114WH | 25mm | 20 |

Entry for MMT3 LH, RH & Centre.



Twin Gang Accessory Box

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSB214WH | 25mm | 10 |

Entry for MMT3 LH, RH & Centre.



Single Gang Accessory Box

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSB116WH | 32mm | 20 |

Entry for MMT3 LH, RH & Centre.



Twin Gang Accessory Box

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSB216WH | 32mm | 10 |

Entry for MMT3 LH, RH & Centre.



Single Gang Accessory Box

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSB120WH | 44mm | 10 |

Entry for MMT3 LH, RH & Centre.



Twin Gang Accessory Box

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSB220WH | 44mm | 5 |

Entry for MMT3 LH, RH & Centre.

32mm SQUARE CORNER ACCESSORY BOXES



MMT2 Accessory Boxes

| Prod Code | Size | Pack |
|-----------|--------|------|
| MSSB15WH | Single | 20 |
| MSSB16WH | Twin | 10 |

Available Autumn 2004.



MMT4 Accessory Boxes

| Prod Code | Size | Pack |
|-----------|--------|------|
| MSSB37WH | Single | 20 |
| MSSB38WH | Twin | 10 |

Available Autumn 2004.



MMT2 KO Accessory Boxes

| Prod Code | Size | Pack |
|-----------|--------|------|
| MSSB35WH | Single | 20 |
| MSSB36WH | Twin | 10 |

Entry LH, RH & Centre.
 Available Autumn 2004.



SELF FIXING PADS

Self-fixing Pads designed to fix a Single Gang Box. Two Pads required per Single Box.

| Prod Code | Size | Pack |
|-----------|-----------|------|
| MSFP1WH | 19 x 75mm | 50 |

MINI-TRUNKING continued

RADIUS CORNER ACCESSORY BOXES

Fixed Lugs:
 Single Gang 87 x 87mm overall.
 Twin Gang 87 x 147mm overall.
 Surface mounting with Knockouts for Mini-Trunking adaptors.
 The depth measurement detailed is external. Deduct 2mm for internal depth.



Single Gang Accessory Box

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSB112WH | 19mm | 20 |

 Entry for MMT3 LH, RH & Centre.



Single Gang Accessory Box

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSB115WH | 28mm | 20 |

 Entry for MMT3 LH, RH & Centre.



Twin Gang Accessory Box

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSB215WH | 28mm | 10 |

 Entry for MMT3 LH, RH & Centre.



Single Gang Accessory Box

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSB118WH | 32mm | 20 |

 Entry for MMT3 LH, RH & Centre.



Twin Gang Accessory Box

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSB218WH | 32mm | 10 |

 Entry for MMT3 LH, RH & Centre.



Single Gang Accessory Box

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSB122WH | 44mm | 10 |

 Entry for MMT3 LH, RH & Centre.



Twin Gang Accessory Box

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSB222WH | 44mm | 5 |

 Entry for MMT3 LH, RH & Centre.



Single Gang Accessory Box

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSB20WH | 32mm | 20 |

 Entry for MMT1 and MMT2 LH, RH & Centre.



Twin Gang Accessory Box

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSB22WH | 32mm | 10 |

 Entry for MMT2 LH, RH & Centre.



2 x 1 Gang Accessory Box

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSB82WH | 32mm | 10 |

 Entry for MMT2 Centre and Side.



Single/Twin Cover Plate

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSCP2WH | 2mm | 20 |
| MSCP3WH | 2mm | 10 |



Raised Single/Twin Cover Plate

| Prod Code | Depth | Pack |
|-----------|-------|------|
| MSSP10WH | 9mm | 10 |
| MSSP20WH | 9mm | 2 |



Brass Earthing Terminals

| Prod Code | Rating | Pack |
|-----------|--------|------|
| MET1 | 15 Amp | 100 |

SURFACE MOUNTED SINGLE AND TWIN GANG SHROUDED ENTRY BOXES

Designed for use with Marshall-Tufflex Mini-Trunking MMT2 & MMT3 (25 x 16mm and 38 x 16mm).

The extended base with side entry enables maximum space to be available within the box.

Offers speedy and neat installation particularly in the case of refurbishment where minimum disruption to the building fabric is required.

The design accepts both square and radiused corner accessories.

Overall depth 35mm. The four fixing pillars in the single gang box permit horizontal and vertical accessory mounting.



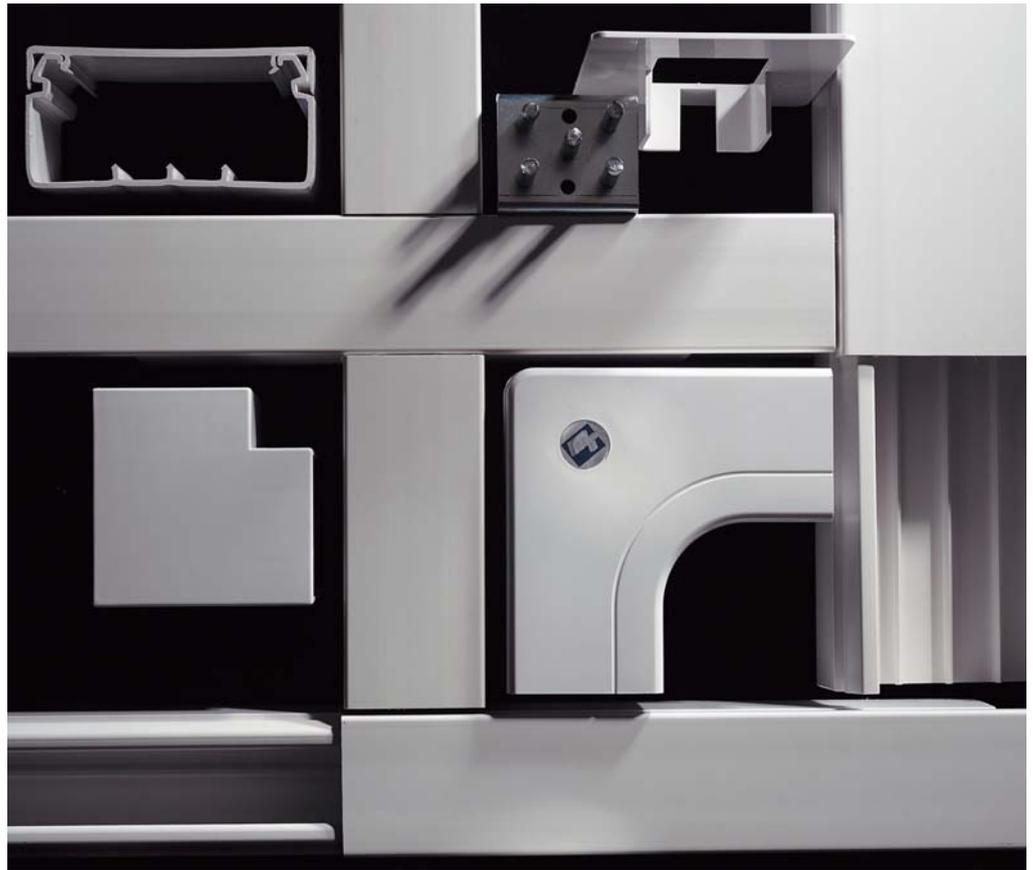
Single and Twin Gang Accessory Box

| Prod Code | Depth | Pack |
|----------------------------|-------|------|
| MSSB100WH | 35mm | 10 |
| MSSBE100WH Schuco Standard | | 10 |
| MSSB200WH | 35mm | 10 |

MAXI-TRUNKING

The Maxi Trunking system is widely accepted and specified by both Consulting Engineers and Electrical Contractors for its inherent safety, strength and durability.

- Clip-in cable retainers cannot slip out of place
- Moulded flat angles have a gentle radius to ease the path round corners.
- Clip-in dividers are available to provide segregation as required.
- Available in white, light grey or clear.



Maxi-Trunking – White or Light Grey

| Prod Code | Size | Pack |
|-------------|-----------|--------|
| MTRS50WH | 50 x 50mm | 8 x 3m |
| MTRS75/50WH | 75 x 50mm | 4 x 3m |



Maxi-Trunking – White or Light Grey

| Prod Code | Size | Pack |
|--------------|------------|--------|
| MTRS75WH | 75 x 75mm | 4 x 3m |
| MTRS100/50WH | 100 x 50mm | 4 x 3m |



Maxi-Trunking – White or Light Grey

| Prod Code | Size | Pack |
|-----------|-------------|--------|
| MTRS100WH | 100 x 100mm | 4 x 3m |
| MTRS150WH | 150 x 150mm | 2 x 3m |



| Colour Code Suffix Please replace the last two letters with those detailed right. | Code | Colour |
|--|------------|--------|
| | WH | White |
| LG | Light Grey | |

MAXI-TRUNKING continued



External Coupler – Clip-on

| Prod Code | Size | Pack |
|--------------|-------------|------|
| TCCS50WH | 50 x 50mm | 10 |
| TCCS75/50WH | 75 x 50mm | 10 |
| TCCS75WH | 75 x 75mm | 10 |
| TCCS100/50WH | 100 x 50mm | 10 |
| TCCS100WH | 100 x 100mm | 2 |



Internal Coupler

| Prod Code | Size | Pack |
|--------------|-------------|------|
| TICS50WH | 50 x 50mm | 10 |
| TICS75/50WH | 75 x 50mm | 10 |
| TICS75WH | 75 x 75mm | 5 |
| TICS100/50WH | 100 x 50mm | 5 |
| TICS100WH | 100 x 100mm | 5 |
| TICS150WH | 150 x 150mm | 5 |

Two part fitting (5 pairs)



Flanged Coupler

| Prod Code | Size | Pack |
|--------------|-------------|------|
| TFCS50WH | 50 x 50mm | 1 |
| TFCS75/50WH | 75 x 50mm | 1 |
| TFCS75WH | 75 x 75mm | 1 |
| TFCS100/50WH | 100 x 50mm | 1 |
| TFCS100WH | 100 x 100mm | 1 |

MTRS150WH Flanged couplers to order only

COUPLERS



Dividing Fillet

| Prod Code | Size | Pack |
|-----------|-------------|---------|
| MDFS50 | 50 x 50mm | 10 x 3m |
| | 75 x 50mm | |
| | 100 x 50mm | |
| MDFS75 | 75 x 75mm | 10 x 3m |
| MDFS100 | 100 x 100mm | 10 x 3m |
| MDFS150 | 150 x 150mm | 10 x 3m |



Accessory Box Dividing Fillet

| Prod Code | Size | Pack |
|-----------|-------|------|
| MDFS15/3 | TSS03 | 2 |
| MDFS15/4 | TSS04 | 1 |

MTRS100/50 only

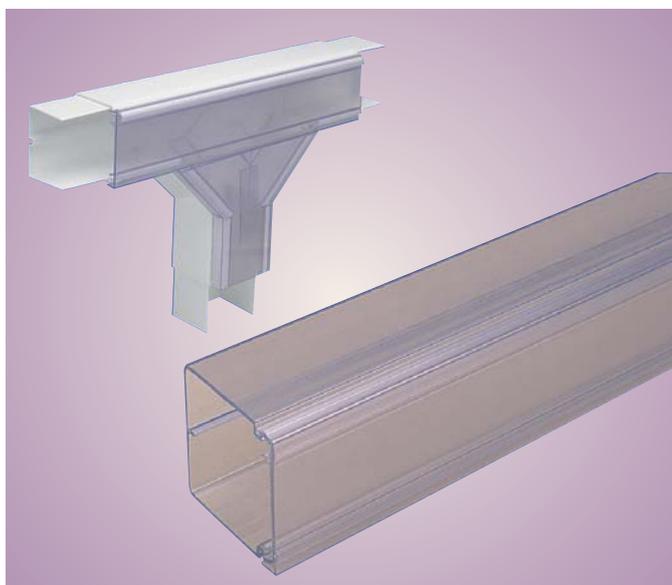


Cable Retainer

| Prod Code | Size | Pack |
|-----------|-------------|------|
| TCRS50 | 50 x 50mm | 10 |
| TCRS75 | 75 x 50mm | 10 |
| | 75 x 75mm | |
| TCRS100 | 100 x 50mm | 10 |
| | 100 x 100mm | |
| TCRS150 | 150 x 150mm | 5 |

FILLETS AND CABLE RETAINERS

Clear Maxi Trunking is available.



| Colour Code Suffix | Code | Colour |
|--|------|------------|
| Please replace the last two letters with those detailed right. | WH | White |
| | LG | Light Grey |

MAXI-TRUNKING continued

MAXI TRUNKING COMPONENT CHART

Contact Technical Hotline
01424 856688 for advice.

MTRS50WH

50 x 50mm
Pack 8 x 3m



MTRS75/50WH

75 x 50mm
Pack 4 x 3m



MTRS75WH

75 x 75mm
Pack 4 x 3m



MTRS100/50WH

100 x 50mm
Pack 4 x 3m



MTRS100WH

100 x 100mm
Pack 4 x 3m



MTRS150WH

150 x 150mm
Pack 2 x 3m



| | Dividing Fillet | Cable Retainer | External Coupler | Internal Coupler | Flanged Coupler | End Cap | Internal 90° Angle Clip-on |
|--|--------------------------------|---------------------------|--------------------------------|--------------------------------------|-------------------------------|-------------------------------|--------------------------------|
| | | | | | | | |
| | MDFS50 Pack 10 x 4m | TCRS50 Pack 10 | TCCS50WH Pack 10 | TICS50WH Pack 10 | TFCS50WH Pack 1 | TECS50WH Pack 10 | TIAS50CWH Pack 1 |
| | MDFS50 Pack 10 x 4m | TCRS75 Pack 10 | TCCS75/50WH Pack 10 | TICS75/50WH Pack 10 | TFCS75/50WH Pack 1 | TECS75/50WH Pack 5 | — |
| | MDFS75 Pack 10 x 4m | TCRS75 Pack 10 | TCCS75WH Pack 10 | TICS75WH Pack 5 | TFCS75WH Pack 1 | TECS75WH Pack 5 | — |
| | MDFS50 Pack 10 x 4m | TCRS100 Pack 10 | TCCS100/50WH Pack 10 | TICS100/50WH Pack 5 | TFCS100/50WH Pack 1 | TECS100/50WH Pack 5 | TIAS100/50CWH Pack 1 |
| | MDFS100 Pack 10 x 4m | TCRS100 Pack 10 | TCCS100WH Pack 2 | TICS100WH Pack 5 | TFCS100WH Pack 1 | TECS100WH Pack 5 | — |
| | MDFS150 Pack 10 x 3m | TCRS150 Pack 5 | — | TICS150WH Pack 5 (5 pairs) | TFCS150WH Pack 1 | TECS150WH Pack 1 | — |

| Colour Code Suffix | Code | Colour |
|--|------|------------|
| Please replace the last two letters with those detailed right. | WH | White |
| | LG | Light Grey |
| | | |

*Different discounts apply.

MTRS50WH

50 x 50mm
Pack 8 x 3m



MTRS75/50WH

75 x 50mm
Pack 4 x 3m



MTRS75WH

75 x 75mm
Pack 4 x 3m



MTRS100/50WH

100 x 50mm
Pack 4 x 3m



MTRS100WH

100 x 100mm
Pack 4 x 3m



MTRS150WH

150 x 150mm
Pack 2 x 3m



| | Flat 90° Angle Clip-on | Flat 90° Angle Moulded | Flat 90° Angle Fabricated | DATA Data Flat 90° Angle Fabric. | Flat 135° Angle Fabric. | Flat Tee Fabricated | DATA Data Flat Tee Gussetted |
|--|--------------------------------|-------------------------------|--------------------------------|-------------------------------------|----------------------------------|--------------------------------|---------------------------------|
| | | | | | | | |
| | TFAS50CWH Pack 1 | TFAS50MWH Pack 1 | TFAS50FWH Pack 1 | TFAS50SBWH* Pack 1 | TFAS50ABFWH Pack 1 | TFTS50FWH Pack 1 | TFTS50GTWH* Pack 1 |
| | — | TFAS75/50MWH Pack 1 | TFAS75/50FWH Pack 1 | — | TFAS75/50ABFWH Pack 1 | TFTS75/50FWH Pack 1 | — |
| | — | TFAS75MWH Pack 1 | TFAS75FWH Pack 1 | TFAS75SBWH* Pack 1 | TFAS75ABFWH Pack 1 | TFTS75FWH Pack 1 | TFTS75GTWH* Pack 1 |
| | TFAS100/50CWH Pack 1 | — | TFAS100/50FWH Pack 1 | — | TFAS100/50ABFWH Pack 1 | TFTS100/50FWH Pack 1 | — |
| | — | — | TFAS100FWH Pack 1 | TFAS100SBWH* Pack 1 | TFAS100ABFWH Pack 1 | TFTS100FWH Pack 1 | TFTS100GTWH* Pack 1 |
| | — | — | TFAS150FWH Pack 1 | — | — | TFTS150FWH Pack 1 | — |

| | | DATA | | | | | DATA | |
|--|---|---|---|---|---|--|---|---|
| Internal 90° Angle Moulded | Internal 90° Angle Fabricated | Data Int. 90° Angle Fabricated | Internal 135° Angle Fabricated | External 90° Angle Clip-on | External 90° Angle Moulded | External 90° Angle Fabricated | Data Ext. 90° Angle Fabricated | External 135° Angle Fabricated |
|  |  |  |  |  |  |  |  |  |
| TIAS50MWH Pack 1 | TIAS50FWH Pack 1 | TIAS50SBWH* Pack 1 | TIAS50ABFWH Pack 1 | TOAS50C WH Pack 1 | TOAS50MWH Pack 1 | TOAS50FWH Pack 1 | TOAS50SBWH* Pack 1 | TOAS50ABFWH Pack 1 |
| — | TIAS75/50FWH Pack 1 | — | TIAS75/50ABFWH Pack 1 | — | — | TOAS75/50FWH Pack 1 | — | TOAS75/50ABFWH Pack 1 |
| — | TIAS75FWH Pack 1 | TIAS75SBWH* Pack 1 | TIAS75ABFWH Pack 1 | — | — | TOAS75FWH Pack 1 | TOAS75SBWH* Pack 1 | TOAS75ABFWH Pack 1 |
| — | TIAS100/50FWH Pack 1 | — | TIAS100/50ABFWH Pack 1 | TOAS100/50CWH Pack 1 | — | TOAS100/50FWH Pack 1 | — | TOAS100/50ABFWH Pack 1 |
| — | TIAS100FWH Pack 1 | TIAS100SBWH* Pack 1 | TIAS100ABFWH Pack 1 | — | — | TOAS100FWH Pack 1 | TOAS100SBWH* Pack 1 | TOAS100ABFWH Pack 1 |
| — | TIAS150FWH Pack 1 | — | — | — | — | TOAS150FWH Pack 1 | — | — |

| | | DATA | | | | | | |
|--|---|---|---|---|---|--|---|---|
| External Edge Tee Fabricated | Internal Edge Tee Fabricated | Flat Crossover Unit Fabric. | Data Flat Cross- over Gussetted | Accessory Plate 1 Gang | Accessory Plate 2 Gang | Accessory Box 1 Gang | Accessory Box 2 Gang | Pin Rack |
|  |  |  |  |  |  |  |  |  |
| TTES50FWH Pack 1 | TTIS50FWH Pack 1 | TCUS50FWH Pack 1 | TCUS50GTWH* Pack 1 | — | — | — | — | TPRS50 Pack 1 |
| TTES75/50FWH Pack 1 | TTIS75/50FWH Pack 1 | TCUS75/50FWH Pack 1 | — | — | — | — | — | TPRS75/50 Pack 1 |
| TTES75FWH Pack 1 | TTIS75FWH Pack 1 | TCUS75FWH Pack 1 | TCUS75GTWH* Pack 1 | — | — | — | — | TPRS75 Pack 1 |
| TTES100/50FWH Pack 1 | TTIS100/50FWH Pack 1 | TCUS100/50FWH Pack 1 | — | MTSPS1WH Pack 5 | MTSPS2WH Pack 5 | TSS03WH Pack 5 | TSS04WH Pack 5 | — |
| TTES100FWH Pack 1 | TTIS100FWH Pack 1 | TCUS100FWH Pack 1 | TCUS100GTWH* Pack 1 | MTSPS1WH Pack 5 | MTSPS2WH Pack 5 | TSS03WH Pack 5 | TSS04WH Pack 5 | — |
| TTES150FWH Pack 1 | TTIS150FWH Pack 1 | TCUS150FWH Pack 1 | — | — | — | — | — | — |

MAXI-TRUNKING continued

ADDITIONAL COMPONENTS



Reducer

| Prod Code | Size | Pack |
|-----------|-------------------------|------|
| TTRS1WH | MTRS100 to MTRS100/50 | 1 |
| TTRS2WH | MTRS100 to MTRS75 | 1 |
| TTRS3WH | MTRS100 to MTRS75/50 | 1 |
| TTRS4WH | MTRS100 to MTRS50 | 1 |
| TTRS5WH | MTRS100/50 to MTRS75/50 | 1 |
| TTRS6WH | MTRS100/50 to MTRS50 | 1 |
| TTRS7WH | MTRS75 to MTRS75/50 | 1 |
| TTRS8WH | MTRS75 to MTRS50 | 1 |
| TTRS9WH | MTRS75/50 to MTRS50 | 1 |
| TTRS10WH | MTRS150 to MTRS100 | 1 |
| TTRS11WH | MTRS150 to MTRS75 | 1 |
| TTRS12WH | MTRS150 to MTRS100/50 | 1 |



End Cap

| Prod Code | Size | Pack |
|--------------|-------------|------|
| TECS50WH | 50 x 50mm | 10 |
| TECS75/50WH | 75 x 50mm | 10 |
| TECS75WH | 75 x 75mm | 5 |
| TECS100/50WH | 100 x 50mm | 5 |
| TECS100WH | 100 x 100mm | 5 |
| TECS150WH | 150 x 150mm | 1 |



Accessory Plate

| Prod Code | Size | Pack |
|-----------|-------------|------|
| MTSPS1WH | Single Gang | 15 |
| MTSPS2WH | Twin Gang | 15 |

For MTRS100/50 and MTRS100.



Accessory Box

| Prod Code | Size | Pack |
|-----------|-------------|------|
| TSS03WH* | Single Gang | 20 |
| TSS04WH* | Twin Gang | 10 |

For MTRS100/50 and MTRS100.
*Internal depth 30mm.



Surface Mount Outlet Plate

| Prod Code | Size | Pack |
|-----------|-------------|------|
| MTOP10WH | Single Gang | 30 |

For Legrand 45 range.



Surface Mount Outlet Plate

| Prod Code | Size | Pack |
|-----------|-----------|------|
| MTOP20WH | Twin Gang | 20 |

For Legrand 45 range.



Spacer – 25mm

| Prod Code | Pack |
|----------------|------|
| MTRS100LID25WH | 20 |

For use between Accessory Boxes.



Mini-Trunking Adaptor

| Prod Code | Size | Pack |
|-----------|------|------|
| TTA2WH | MMT2 | 10 |
| TTA4WH | MMT4 | 10 |

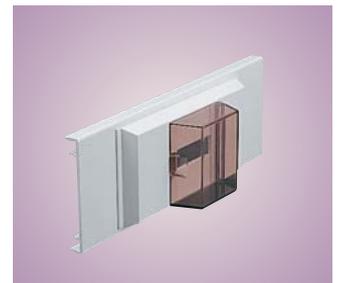
For 50mm wall height.



Pin-Rack

| Prod Code | Pack |
|-----------|------|
| TPRS50 | 1 |
| TPRS75/50 | 1 |
| TPRS75 | 1 |

Galvanised finish.



RCD/MCB Housing

| Prod Code | Pack |
|-----------|------|
| TAHC1WH | 1 |

For MTRS100/50 only.

MAXI-TRUNKING continued

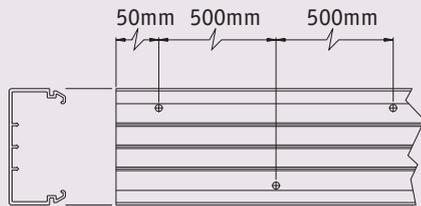
TECHNICAL INFORMATION

The Maxi range with moulded, fabricated or clip-on fittings is ideal for encasement of cables in most situations.

This system can be easily sub-divided by utilising clip-in dividing fillets to maintain cable segregation, the total number of compartments dependable upon the type of trunking. Clip-in cable retainers maintain the cables during installation giving the benefit of a third hand in lid down situations.

BASE PERIMETER

The base should be secured every 500mm by drilling alternating 6mm holes either side of centre as is practical and fasten using No. 8 round head screws with washers. Avoid over tightening to permit thermal movement.



BASE SUSPENDED

When the trunking is to be installed suspended on brackets consideration to the number and type of cables should be given, which equates to a maximum deflection of 1%.

| Cross sectional area of trunking | Max. distance between supports | |
|--|--------------------------------|----------|
| | Horizontal | Vertical |
| Exceeding 300 and not exceeding 1500mm ² | 0.5m | 0.5m |
| Exceeding 1500 and not exceeding 2500mm ² | 1.25m | 1.25m |
| Exceeding 2500 and not exceeding 5000mm ² | 1.5m | 2.0m |
| Exceeding 5000mm ² | 1.75m | 2.0m |

Notes to Table

- The spacings tabulated allow for maximum fill of cables and the thermal limits specified in the relevant British Standards. They assume that the trunking is not exposed to other mechanical stress.
- The above figures do not apply to lighting suspension trunking, or where special strengthening couplers are used.

JOINTS

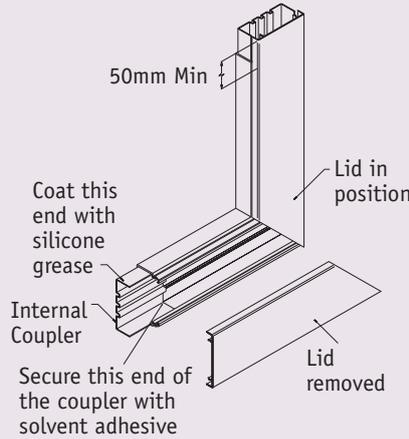
All lengths of trunking should be connected using an internal or external coupler with 3mm of movement available between consecutive lengths of trunking. The external coupler is designed for perimeter applications with 10mm of overlap on each side, the internal coupler should be cemented at one end using MSC3 solvent adhesive and the projecting end coated with MSC1 lubricant sealant. This provides a seal and facilitates thermal movement of the trunking due to change in temperature and should align with any support bracket.

CLIP-ON FITTINGS

The clip-on fittings are for perimeter use only and on internal and external bends, the trunking base must be mitred to ensure total enclosure of the trunking.

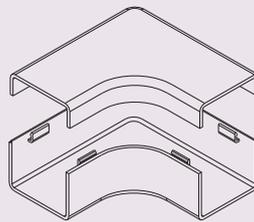
FABRICATED FITTINGS

Maxi-Trunking fabricated fittings are supplied with internal couplings and lids that extend beyond the base maintaining non-alignment between base and lid joints for maximum strength.



MOULDED FITTINGS

These are two-part fittings with a female slide fit over the trunking. For both perimeter and suspended applications.



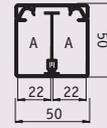
END CAPS

These should be cemented into position for security using solvent adhesive MSC3.

LIDS

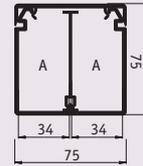
When utilising the internal coupler, especially in suspended applications, it is recommended the lid extends beyond the trunking joint by a minimum of 50mm for additional rigidity.

DIMENSIONS AND CABLE CAPACITIES



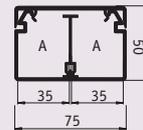
MTRS50

Total = 1979mm² total area
45% SF = 890mm².
A = 911mm² total area
45% SF = 410mm².



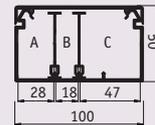
MTRS75

Total = 4709mm² total area
45% SF = 2119mm².
A = 2196mm² total area
45% SF = 988mm².



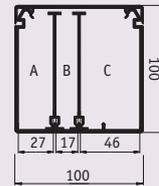
MTRS75/50

Total = 3032mm² total area
45% SF = 1365mm².
A = 1347mm² total area
45% SF = 606mm².



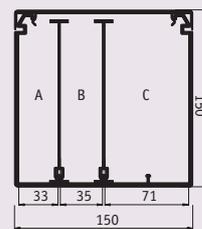
MTRS100/50

Total = 4040mm² total area
45% SF = 1818mm².
A = 1056mm² total area
45% SF = 475mm².
B = 660mm² total area
45% SF = 297mm².
C = 1829mm² total area
45% SF = 823mm².



MTRS100

Total = 8733mm² total area
45% SF = 3930mm².
A = 2375mm² total area
45% SF = 1069mm².
B = 1464mm² total area
45% SF = 659mm².
C = 4075mm² total area
45% SF = 1834mm².



MTRS150

Total = 20193mm² total area
45% SF = 9087mm².
A = 4406mm² total area
45% SF = 1983mm².
B = 4728mm² total area
45% SF = 2128mm².
C = 9482mm² total area
45% SF = 4267mm².

TECHNICAL INFORMATION

This information is intended to provide the specifier or contractor guidance on all aspects of Marshall-Tufflex Cable Management products from the specification to installation.

MATERIAL DATA

PVC-U

Marshall-Tufflex Cable Management Products are produced in Extra Super High Impact PVC-U grade material capable of withstanding the most hazardous conditions on site and which exceeds the most stringent requirements of the British Standards.

Characteristics of Marshall-Tufflex Extra Super High Impact PVC-U

| | |
|--|--|
| Specific Gravity | 1.35-1.45 |
| Co Efficient of Linear Expansion | $7 \times 10^{-5}/m/^{\circ}C$ |
| Water Absorption | Negligible |
| Impact Resistance | See notes below |
| Electric Strength | To the requirements of BS4607, BS6099 |
| | BS EN 50085, BS EN 50086 |
| Flammability | BS4607, BS6099 |
| | BS EN 50085, BS EN 50086 |
| Oxygen Index | 42% |
| Tensile Strength | 492/562 kg/cm ² (7,000/8,000 lb per sq in) |
| Insulation Resistance | To the requirements of BS4678, BS4607, BS6099 |
| | BS EN 50085, BS EN 50086 |
| Chemical Resistance | See notes |
| Vicat Softening Point (Conduit & Trunking) | 80°C |
| | BS EN ISO 306 (BS 2782-1:METHOD 120B) |
| Vicat Softening Point (Moulded Fittings) | 76°C |
| | BS EN ISO 306 (BS 2782-1:METHOD 120B) |

CHEMICAL RESISTANCE

The material is virtually unaffected by solutions of inorganic acids, alkalis and salts and is resistant to many organic chemicals. It may be softened by some organic materials such as Ketones and aromatic compounds. It will not corrode. See Chemical Resistance table for further details.

FIRE RESISTANCE

The materials used in Marshall-Tufflex trunking/conduit are self extinguishing and comply with the requirements of BS476 Parts 6 and 7, BS4678 Part 4 and BS6099 Section 2:2. Non-flame propagating to BSEN50085 and BSEN50086.

THERMAL PROPERTIES

Marshall-Tufflex conduit and trunking is designed to accommodate variations of ambient temperature equating to 5.25mm/3m for a temperature rise of 25°C. Operating temperatures: -5 to 60°C. Thermal conductivity: 0.19 w/m/°C.

IMPACT RESISTANCE

High impact resistant. The material is formulated to comply with the -5°C clause of BS4678 Part 4 (1982) Cable Trunking Standard and the -5°C Heavy Gauge Requirements of BS EN 50086.

STANDARDS

Trunking systems are manufactured to comply with the requirements of BS4678 Part 4 (1982) where applicable. Conduit systems to comply with the requirements of BSEN50086, BS6099: 1982 and BS4607.

POLYCARBONATE

CHEMICAL RESISTANCE

Polycarbonate is resistant to most mineral and organic acids, a number of fats and oils, saturated aliphatic and aromatic hydrocarbons and alcohols with the exception of methyl alcohol. It is not resistant to alkalis ammonia gas and its solution, nor to amines.

MOULDINGS ONLY

| | |
|---------------------------------|----------------------|
| Vicat softening point – ISO 306 | VST/B 145°C |
| Flammability to UL94 @ 1.5mm | 94V-2 |
| Flammability – Oxygen index | 35% |
| Density | 1.2g/cm ³ |
| Water absorption (in water) | 0.35% |

HIGH IMPACT FR ABS

Fire Retardant (FR) ABS has a good chemical resistance to inorganic salt solutions, alkalis, mineral acids (except strong oxidising acids) and some mineral, vegetable and animal based oils. It is attacked by organic solvents such as alcohols, esters, ketones and ethers.

Characteristics of Marshall-Tufflex

High Impact ABS

| | |
|-------------------------------|------------------------------------|
| Vicat Softening Point ISO 306 | 80°C |
| Density | 1.18g/cm ³ |
| Material | UL UL listed |
| Flammability | UL94 V-1 at 1.5mm V-0 at 2.00mm |
| Flammability | BS4678:PT4:1982 Pass |
| Water Absorption | ASTM D570 0.3% |

ALUMINIUM

Grade HE9TF: Sterling Screen Insert.

Grade 6060TS: Sterling Series 2, PowerPole and Post, Bench Trunking Aluminium, Sterling Aluminium, Sterling XL Aluminium, Series R.

Tensile strength: 190n/mm²

Co Efficient of Linear Expansion: $24 \times 10^{-6}/m/^{\circ}C$.

Thermal conductivity: 120w/m/°C.

MATERIAL DATA continued

PVC-U CHEMICAL RESISTANCE TABLE

The resistance of unplasticised PVC to a wide range of chemicals is listed in the following table.

The symbols used to denote performance are as follows:

✓ Satisfactory

Some attack or absorption: the material may be considered for use when alternative materials are unsatisfactory and where limited life is acceptable. When PVC is to be used with such chemicals full scale trials under realistic conditions are particularly necessary.

≈ Unsatisfactory: so rated because of decomposition, solution, swelling loss of ductility etc, of the samples tested.

For clarification and for details of resistance to other chemicals please call our technical information line on 01424 856688.

NOTE: To determine the suitability of PVC-U for external applications we strongly recommend you contact our Technical Sales Department on 01424 856688.

| Chemical | Concentration | Unplasticised PVC | |
|------------------------|------------------------|-------------------|------|
| | | 20°C | 60°C |
| acetaldehyde | 40% aq. solution | ✓ | ≈ |
| acetic acid | 60% aq. solution | ✓ | ✓ |
| acetic anhydride | | ≈ | ≈ |
| acetone | Traces | ≈ | ≈ |
| alcohol, ethyl | 40% w/w water | ✓ | # |
| alcohol, isopropyl | | ✓ | ✓ |
| alcohol, menthyl | 6% aq. solution | ✓ | ✓ |
| | 100% | ✓ | # |
| aliphatic hydrocarbons | | ✓ | ✓ |
| aluminium chloride | | ✓ | ✓ |
| aluminium hydroxide | | ✓ | ✓ |
| ammonia | 0,88S.G., aq. solution | ✓ | ✓ |
| | Anhydrous gas | ≈ | ≈ |
| | Anhydrous liquid | ≈ | ≈ |
| ammonium chloride | | ✓ | ✓ |
| ammonium hydroxide | | ✓ | ✓ |
| aniline | | ≈ | ≈ |
| animal oils | | ✓ | ✓ |
| aqua regia | Dilute | ✓ | ✓ |
| | Concentrated | ✓ | ≈ |
| barium sulphate | | ✓ | ✓ |
| beer | | ✓ | ✓ |
| benzene | | ≈ | ≈ |
| benzoyl chloride | | ≈ | ≈ |
| borax | | ✓ | ✓ |
| boric acid | | ✓ | ✓ |
| brine | | ✓ | ✓ |
| bromide | Traces, gas | # | ≈ |
| | 100% (dry gas) | ≈ | ≈ |
| | Liquid | ≈ | ≈ |
| calcium chloride | Aq. solution | ✓ | ✓ |
| | 20% in methyl alcohol | ✓ | ✓ |
| calcium hydroxide | | ✓ | ✓ |
| calcium hypochlorite | | ✓ | ✓ |
| carbon dioxide | | ✓ | ✓ |
| carbonic acid | | ✓ | ✓ |
| carbon monoxide | | ✓ | ✓ |
| carbon tetrachloride | | # | ≈ |
| castor oil | | ✓ | ✓ |
| chloric acid | | ✓ | ✓ |
| chlorine | 100% (dry gas) | ✓ | # |
| | 10% (moist gas) | # | # |
| chlorine water | Sat. solution | # | # |
| chloroform | | ≈ | ≈ |
| chrome alum | | ✓ | ✓ |
| chromic acid | Plating solution | ✓ | ✓ |

| Concentration | Unplasticised PVC | | |
|--|------------------------------|------|---|
| | 20°C | 60°C | |
| cider | ✓ | ✓ | |
| citric acid | ✓ | ✓ | |
| copper chloride | ✓ | ✓ | |
| copper cyanide | ✓ | ✓ | |
| copper nitrate | ✓ | ✓ | |
| copper sulphate | ✓ | ✓ | |
| cupric sulphate | ✓ | ✓ | |
| cyclohexanone | ≈ | ≈ | |
| detergent, synthetic All concentrations | ✓ | ✓ | |
| developers, photographic | ✓ | ✓ | |
| dextrin | ✓ | ✓ | |
| dextrose | ✓ | ✓ | |
| diazo salts | ✓ | ✓ | |
| dichlorodifluoromethane | ✓ | ✓ | |
| diethyl ether | ≈ | ≈ | |
| emulsifiers All concentrations | ✓ | ✓ | |
| emulsions, photographic | ✓ | ✓ | |
| ethyl acetate | ≈ | ≈ | |
| ethylene glycol | ✓ | ✓ | |
| ethylene oxide | ≈ | ≈ | |
| fatty acids | ✓ | ✓ | |
| ferric chloride | ✓ | ✓ | |
| ferric nitrate | ✓ | ✓ | |
| ferric sulphate | ✓ | ✓ | |
| ferrous ammonium citrate | ✓ | ✓ | |
| ferrous chloride | ✓ | ✓ | |
| ferrous sulphate | ✓ | ✓ | |
| fixing solution, photographic | ✓ | ✓ | |
| fluorine | # | # | |
| formaldehyde | 40% w/w water | ✓ | ✓ |
| formic acid | 50% solution | ✓ | # |
| | 100% solution | ✓ | ≈ |
| fructose | | ✓ | ✓ |
| fruit pulp | | ✓ | ✓ |
| glucose | | ✓ | ✓ |
| glycerol | | ✓ | ✓ |
| grape sugar | | ✓ | ✓ |
| heptane | | ✓ | ✓ |
| hydrobromic acid | 100% | ✓ | ✓ |
| hydrochloric acid | 22% aq. solution | ✓ | ✓ |
| | Concentrated | ✓ | ✓ |
| hydrochloric acid | 40% aq. solution | ✓ | # |
| | 60% aq. solution | # | ≈ |
| | Concentrated | ≈ | ≈ |
| hydrogen bromide | 3% (10vol) | ✓ | ✓ |
| hydrogen chloride | Anhydrous | ✓ | ✓ |
| hydrogen flouride | Anhydrous | ✓ | ✓ |
| hydrogen peroxide | 3% (10vol) | ✓ | ✓ |
| | 12% (40 vol) | ✓ | ✓ |
| | 30% (100 vol) | ✓ | ✓ |
| | 90% and above | ✓ | ✓ |
| hydrogen sulphide | | ✓ | ✓ |
| iodine | Solution in potassium iodide | ≈ | ≈ |
| lactic acid | 10% aq. solution | ✓ | ✓ |
| | 100% | ≈ | ≈ |
| lanoline | | ✓ | ✓ |
| linoleic acid | | ✓ | ✓ |
| linseed oil | | ✓ | ✓ |
| magnesium hydroxide | | ✓ | ✓ |
| maleic acid | 50% aq. solution | ✓ | ✓ |
| | Concentrated | ✓ | # |
| metallic soaps (water soluble) | | ✓ | ✓ |
| methyl bromide | | ≈ | ≈ |
| methyl chloride | | ≈ | ≈ |
| methyl cyclohexanone | | ≈ | ≈ |
| methyl ethyl ketone | | ≈ | ≈ |
| methyl isobutyl ketone | | ≈ | ≈ |
| methylated spirit | | ✓ | ✓ |
| methylene chloride | | ≈ | ≈ |
| milk | | ✓ | ✓ |
| mineral oil | | ✓ | ✓ |
| mixed acids (sulphuric/nitric Various proportions) | | # | ≈ |
| molasses | | ✓ | ✓ |
| naphtha | | ✓ | ✓ |
| naphthalene | | ≈ | ≈ |
| nicotine | | ✓ | ✓ |

| Concentration | Unplasticised PVC | | |
|---|-------------------|------|---|
| | 20°C | 60°C | |
| nitric acid | 5% aq. solution | ✓ | ✓ |
| | 50% aq. solution | ✓ | # |
| nitrobenzene | | ≈ | ≈ |
| oleic acid | | ✓ | ✓ |
| oxalic acid | | ✓ | ✓ |
| oxygen | | ✓ | ✓ |
| ozone | | ✓ | ✓ |
| paraffin | | ✓ | ✓ |
| pentane | | ✓ | ✓ |
| petrol | | ✓ | ✓ |
| phosphoric acid | 30% aq. solution | ✓ | ✓ |
| | 95% aq. solution | ✓ | ✓ |
| photographic developers | | ✓ | ✓ |
| potassium bromide | | ✓ | ✓ |
| potassium carbonate | | ✓ | ✓ |
| potassium cyanide | | ✓ | ✓ |
| potassium ferricyanide | | ✓ | ✓ |
| potassium hydroxide | 10% aq. solution | ✓ | ✓ |
| | Concentrated | ✓ | ✓ |
| potassium hypochlorite | | ✓ | ✓ |
| potassium permanganate | | ✓ | ✓ |
| propane | | ✓ | ✓ |
| propylene glycol | | ✓ | ✓ |
| propylene oxide | | ≈ | ≈ |
| saccharose | | ✓ | ✓ |
| sea water | | ✓ | ✓ |
| silver nitrate | | ✓ | ✓ |
| soap solution | | ✓ | ✓ |
| sodium bicarbonate | | ✓ | ✓ |
| sodium bisulphite | | ✓ | ✓ |
| sodium borate | | ✓ | ✓ |
| sodium bromide | | ✓ | ✓ |
| sodium carbonate | | ✓ | ✓ |
| sodium chlorate | | ✓ | ✓ |
| sodium chloride | | ✓ | ✓ |
| sodium cyanide | | ✓ | ✓ |
| sodium ferricyanide | | ✓ | ✓ |
| sodium ferrocyanide | | ✓ | ✓ |
| sodium fluoride | | ✓ | ✓ |
| sodium hydroxide | 40% aq. solution | ✓ | ✓ |
| | Concentrated | ✓ | ✓ |
| sodium hypochlorite 15% Cl | | ✓ | ✓ |
| sodium hyposulphate | | ✓ | ✓ |
| sodium nitrate | | ✓ | ✓ |
| sodium peroxide | | ✓ | ✓ |
| sodium silicate | | ✓ | ✓ |
| sodium sulphate | | ✓ | ✓ |
| sodium sulphide | 25% aq. solution | ✓ | ✓ |
| | Concentration | ✓ | ✓ |
| sodium sulphite | | ✓ | ✓ |
| soft soap | | ✓ | ✓ |
| surface active agents All concentrations (emulsifiers, synthetic detergents and wetting agents) | | ✓ | ✓ |
| starch | | ✓ | ✓ |
| stearic acid | | ✓ | ✓ |
| sucrose | | ✓ | ✓ |
| sulphur | Colloidal | ✓ | ✓ |
| sulphur dioxide | Dry | ✓ | ✓ |
| | Liquid | # | ≈ |
| sulphuric acid | 80% aq. solution | ✓ | ✓ |
| | 90% aq. solution | ✓ | # |
| | Fuming | ≈ | ≈ |
| sulphurous acid | 10% aq. solution | ✓ | ✓ |
| tallow | | ✓ | ✓ |
| tanning extracts | | ✓ | ✓ |
| tartaric acid | | ✓ | ✓ |
| transformer oil | | ✓ | ✓ |
| trichloroethane | | ≈ | ≈ |
| trichloroethylene | | ≈ | ≈ |
| turpentine | | ✓ | ✓ |
| vegetable oils | | ✓ | ✓ |
| vinegar | | ✓ | ✓ |
| water | | ✓ | ✓ |
| wetting agents All concentrations | | ✓ | ✓ |
| wines and spirits | | ✓ | ✓ |
| xylene | | ≈ | ≈ |
| zinc carbonate | | ✓ | ✓ |
| zinc chloride | | ✓ | ✓ |
| zinc sulphide | | ✓ | ✓ |

MARSHALL-TUFFLEX INTERNATIONAL LTD

Churchfields Industrial Estate, Hastings, East Sussex TN38 9PU

International Sales: Telephone: +44 (0) 1424 856000

Fax: +44 (0) 1424 856666

Technical Hotline: Telephone: +44 (0) 1424 856688

E-mail: sales@marshall-tufflex.com

Web: www.marshall-tufflex.com

In pursuance of our policy of continued product improvement Marshall-Tufflex reserves the right to change the design or specification of its products without notification.

Approved Distributor

