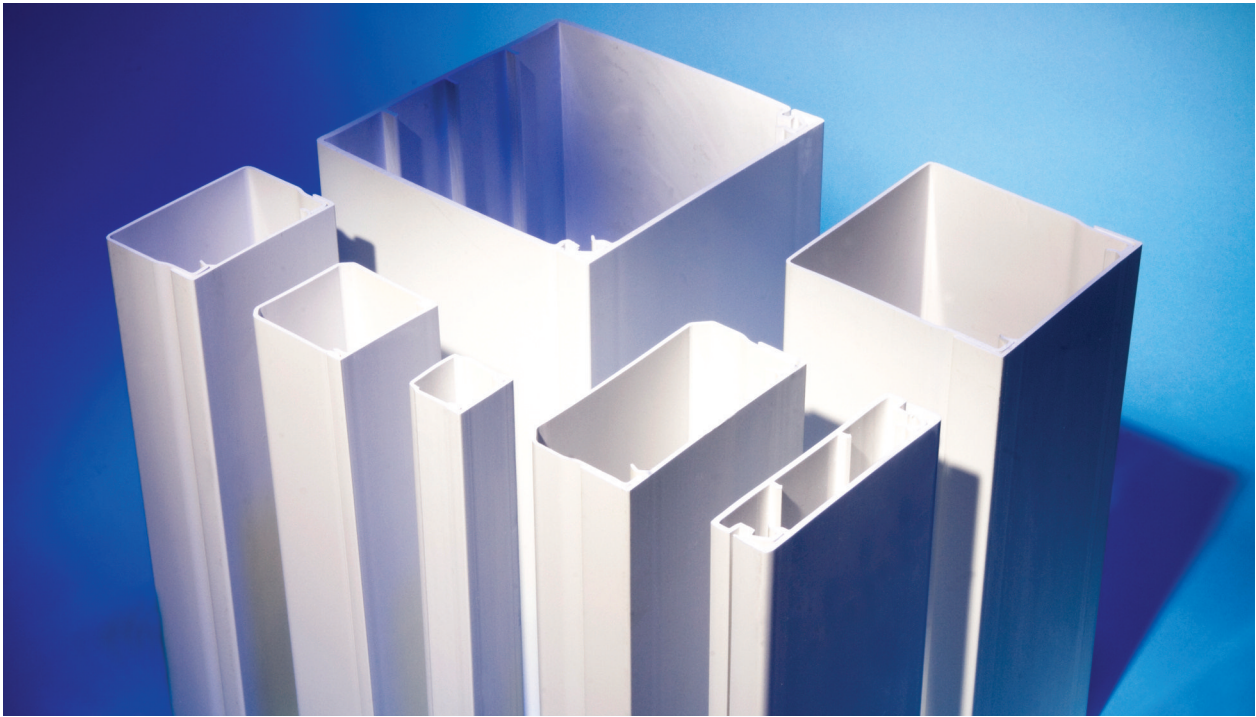




Please find below a selection of our fast moving products, for full product list and further information please get in touch with us on +44 (0)1925 232662 or email us at mail@alliedexport.co.uk

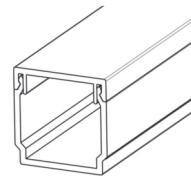


Maxi Trunking & Accessories

The Bendex range of Maxi Trunking and accessories are manufactured from white PVC-U. Other colours are also available upon request (subject to set up charges and lead times). Please request a quotation.

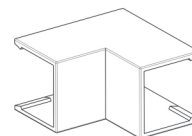
CT10 - CT90 Systems

Product Code	Description	Pack Qty
CT10WH	28mm x 28mm	10 x 3m
CT20WH	54mm x 28mm	10 x 3m
CT30WH	50mm x 50mm	6 x 3m
CT40WH	75mm x 50mm	6 x 3m
CT50WH	75mm x 75mm	6 x 3m
CT60WH	100mm x 100mm	4 x 3m
CT70WH	100mm x 50mm	4 x 3m
CT80WH	150mm x 150mm	2 x 3m
CT90WH	100mm x 25mm	6 x 3m

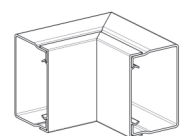


Maxi Trunking Accessories

Product Code	Description	Pack Qty
CT10IAWH	90° Internal Angle Moulded	10
CT20IAWH	90° Internal Angle Moulded	10
CT30IAWH	90° Internal Angle Moulded	1
CT40IAWH	90° Internal Angle Fabricated	1
CT50IAWH	90° Internal Angle Fabricated	1
CT60IAWH	90° Internal Angle Fabricated	1
CT70IAWH	90° Internal Angle Moulded	1
CT80IAWH	90° Internal Angle Fabricated	1
CT90IAWH	90° Internal Angle Moulded	1



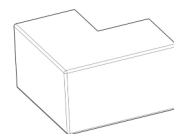
Moulded



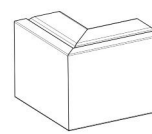
Fabricated

Maxi Trunking Accessories continued

Product Code	Description	Pack Qty
CT10EAWH	90° External Angle Moulded	10
CT20EAWH	90° External Angle Moulded	10
CT30EAWH	90° External Angle Moulded	1
CT40EAWH	90° External Angle Fabricated	1
CT50EAWH	90° External Angle Fabricated	1
CT60EAWH	90° External Angle Fabricated	1
CT70EAWH	90° External Angle Moulded	1
CT80EAWH	90° External Angle Fabricated	1
CT90EAWH	90° External Angle Moulded	1

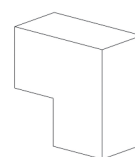


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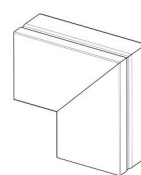


Fabricated

Product Code	Description	Pack Qty
CT10FAWH	90° Flat Angle Moulded	10
CT20FAWH	90° Flat Angle Moulded	10
CT30FAWH	90° Flat Angle Moulded	1
CT40FAWH	90° Flat Angle Fabricated	1
CT50FAWH	90° Flat Angle Fabricated	1
CT60FAWH	90° Flat Angle Fabricated	1
CT70FAWH	90° Flat Angle Moulded	1
CT80FAWH	90° Flat Angle Fabricated	1
CT90FAWH	90° Flat Angle Moulded	1

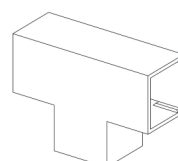


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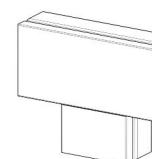


Fabricated

Product Code	Description	Pack Qty
CT10TWH	90° Flat Tee Moulded	10
CT20TWH	90° Flat Tee Moulded	10
CT30TWH	90° Flat Tee Moulded	1
CT40TWH	90° Flat Tee Fabricated	1
CT50TWH	90° Flat Tee Fabricated	1
CT60TWH	90° Flat Tee Fabricated	1
CT70TWH	90° Flat Tee Moulded	1
CT80TWH	90° Flat Tee Fabricated	1
CT90TWH	90° Flat Tee Fabricated	1

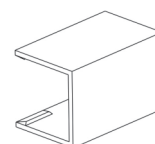


Moulded

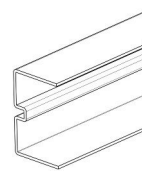


Fabricated

Product Code	Description	Pack Qty
CT10CWH	External Coupler	10
CT20CWH	External Coupler	10
CT30CWH	Internal Coupler	10
CT40CWH	Internal Coupler	10
CT50CWH	Internal Coupler	5
CT60CWH	Internal Coupler	5
CT70CWH	Internal Coupler	10
CT80CWH	Internal Coupler	5
CT90CWH	External Coupler	5



External



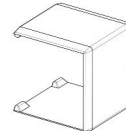
Internal

Maxi Trunking Accessories continued

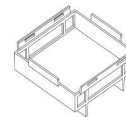
Product Code	Description	Pack Qty
CT10ECWH	End Cap	10
CT20ECWH	End Cap	10
CT30ECWH	End Cap	10
CT40ECWH	End Cap	10
CT50ECWH	End Cap	10
CT60ECWH	End Cap	1
CT70ECWH	End Cap	1
CT80ECWH	End Cap	1
CT90ECWH	End Cap	1



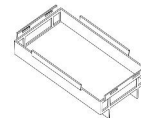
Product Code	Description	Pack Qty
CT30JCWH	Joint Cover	1
CT70JCWH	Joint Cover	1



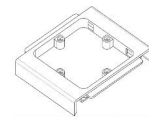
Product Code	Description	Pack Qty
CT70BB1WH	1 Gang Back Box	20



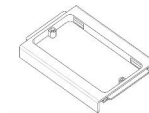
Product Code	Description	Pack Qty
CT70BB2WH	2 Gang Back Box	10



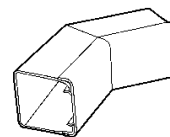
Product Code	Description	Pack Qty
SP1WH	1 Gang Socket Plate	20



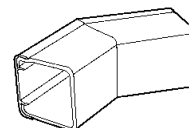
Product Code	Description	Pack Qty
SP2WH	2 Gang Socket Plate	10



Product Code	Description	Pack Qty
CT3045IAWH	45° Internal Angle Fabricated	1
CT4045IAWH	45° Internal Angle Fabricated	1
CT5045IAWH	45° Internal Angle Fabricated	1
CT6045IAWH	45° Internal Angle Fabricated	1
CT7045IAWH	45° Internal Angle Fabricated	1
CT9045IAWH	45° Internal Angle Fabricated	1

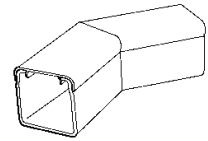


Product Code	Description	Pack Qty
CT3045EAWH	45° External Angle Fabricated	1
CT4045EAWH	45° External Angle Fabricated	1
CT5045EAWH	45° External Angle Fabricated	1
CT6045EAWH	45° External Angle Fabricated	1
CT7045EAWH	45° External Angle Fabricated	1
CT9045EAWH	45° External Angle Fabricated	1



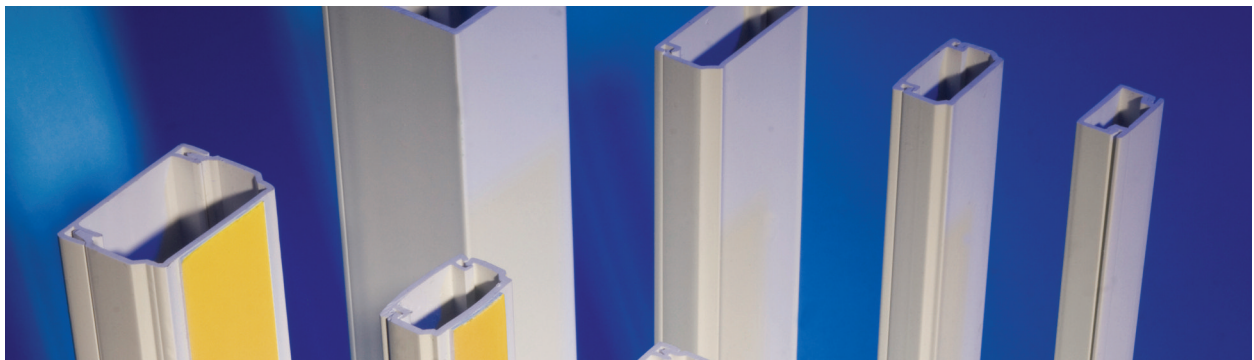
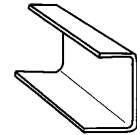
Maxi Trunking Accessories continued

Product Code	Description	Pack Qty
CT3045FAWH	45° Flat Angle Fabricated	1
CT4045FAWH	45° Flat Angle Fabricated	1
CT5045FAWH	45° Flat Angle Fabricated	1
CT6045FAWH	45° Flat Angle Fabricated	1
CT7045FAWH	45° Flat Angle Fabricated	1
CT9045FAWH	45° Flat Angle Fabricated	1



Maxi Cable Self Fixing Divider Fillets

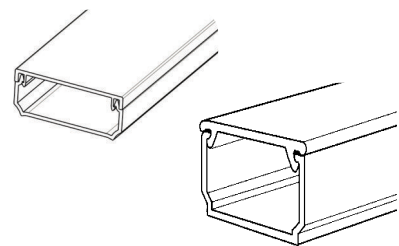
Product Code	Description	Pack Qty
SFDF50WH	50mm Self Dividing Fillets	10 x 3m



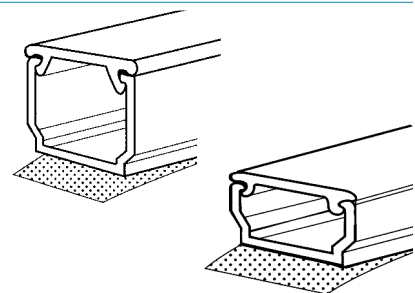
Mini Trunking & Accessories

Mini Trunking is manufactured from white PVC-U to withstand the most rigorous demands of domestic and commercial use. Available with accessories and with self adhesive backing. This quick fit range of clip-on accessories have been designed with speed of installation in mind. Produced and stocked in white, other colours are available (subject to set up charges and lead times).

Product Code	Description	Pack Qty
AT18WH*	Mini Trunking System 18mm x 9mm	20 x 3m
MT13WH*	Mini Trunking System 25mm x 13mm	20 x 3m
MT16WH	Mini Trunking System 16mm x 16mm	20 x 3m
MT25WH	Mini Trunking System 25mm x 16mm	20 x 3m
MT38WH	Mini Trunking System 38mm x 16mm	20 x 3m
MT40WH	Mini Trunking System 38mm x 25mm	10 x 3m
MT40SWH*	Mini Trunking System 38mm x 38mm	10 x 3m

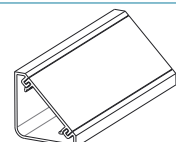


Product Code	Description	Pack Qty
SFAT18WH*	Self Fixing Mini Trunking System 18mm x 9mm	20 x 3m
SFMT13WH*	Self Fixing Mini Trunking System 25mm x 13mm	20 x 3m
SFMT16WH	Self Fixing Mini Trunking System 16mm x 16mm	20 x 3m
SFMT25WH	Self Fixing Mini Trunking System 25mm x 16mm	20 x 3m
SFMT38WH	Self Fixing Mini Trunking System 38mm x 16mm	20 x 3m
SFMT40WH	Self Fixing Mini Trunking System 38mm x 25mm	10 x 3m
SFMT40SWH*	Self Fixing Mini Trunking System 38mm x 38mm	10 x 3m



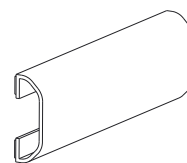
Angled Mini Trunking

Product Code	Description	Pack Qty
AMT34WH	Angled Mini Trunking 34 x 34mm	8 x 3m

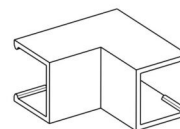


Mini Trunking Accessories

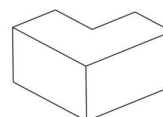
Product Code	Description	Pack Qty
SFC10WH	Self Fix Capping 29.5 x 10mm	10 x 3m
SFC12WH	Self Fix Capping 41.5 x 12.5mm	10 x 3m



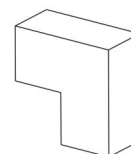
Product Code	Description	Pack Qty
MT16IAWH	Internal Angle	10
MT25IAWH	Internal Angle	10
MT38IAWH	Internal Angle	10
MT40IAWH	Internal Angle	10



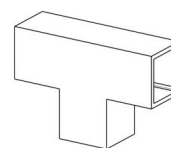
Product Code	Description	Pack Qty
MT16EAWH	External Angle	10
MT25EAWH	External Angle	10
MT38EAWH	External Angle	10
MT40EAWH	External Angle	10



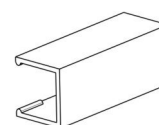
Product Code	Description	Pack Qty
MT16FAWH	Flat Angle	10
MT25FAWH	Flat Angle	10
MT38FAWH	Flat Angle	10
MT40FAWH	Flat Angle	10



Product Code	Description	Pack Qty
MT16TWH	Flat Tee	10
MT25TWH	Flat Tee	10
MT38TWH	Flat Tee	10
MT40TWH	Flat Tee	10



Product Code	Description	Pack Qty
MT16CWH	External Coupler	10
MT25CWH	External Coupler	10
MT38CWH	External Coupler	10
MT40CWH	External Coupler	10



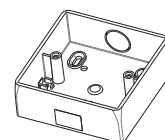
Product Code	Description	Pack Qty
MT16ECWH	End Cap	10
MT25ECWH	End Cap	10
MT38ECWH	End Cap	10
MT40ECWH	End Cap	10



Surface Boxes

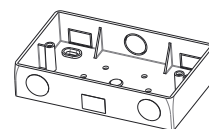
Manufactured in white PVC-U and available with both round and square corners. Universal boxes incorporating both Conduit and Mini Trunking knockouts are available in 1 or 2 gang versions.

Product Code	Description	Pack Qty
SB1RCWH	1 Gang Universal Box Round Corners 32mm Deep	20
SB1SCWH	1 Gang Universal Box Square Corners 32mm Deep	20

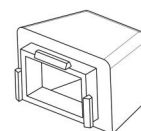


Surface Boxes continued

Product Code	Description	Pack Qty
SB2RCWH	2 Gang Universal Box Round Corners 32mm Deep	10
SB2SCWH	2 Gang Universal Box Square Corners 32mm Deep	10



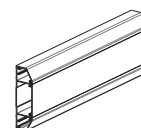
Product Code	Description	Pack Qty
MTA16WH	Surface Box Adaptor 16mm Adaptor	10
MTA25WH	Surface Box Adaptor 25mm Adaptor	10



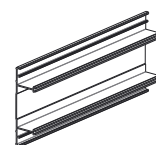
Challenger – Three Compartment Profile System

Challenger is a modern three compartment data compliant trunking system, suitable for installation into office, school or college environments. The product measures 167 x 50mm, can be installed at dado or skirting level and includes a full range of accessories. The system is easy to install and features a pre-drilled base.

Product Code	Description	Pack Qty
XT1CWH	System 1 Complete Unit	1 x 3m



Product Code	Description	Pack Qty
XT1BWH	Trunking Base	4 x 3m

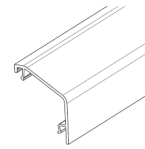


Product Code	Description	Pack Qty
XT1CLWH	Centre Lid	8 x 3m

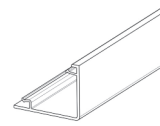


Challenger - 3 Compartment Profile System continued

Product Code	Description	Pack Qty
XT1TBWH	Chamfered Top/Bottom	8 x 3m



Product Code	Description	Pack Qty
XT2TBWH	Square Top/Bottom	8 x 3m



Product Code	Description	Pack Qty
XT1COWH	System 1 Coupler	5



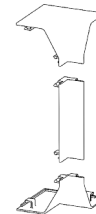
Product Code	Description	Pack Qty
XT2COWH	System 2 Coupler	5



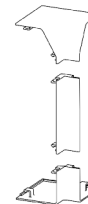
Product Code	Description	Pack Qty
XT3COWH	System 3 Coupler	5



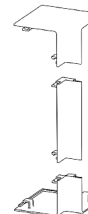
Product Code	Description	Pack Qty
XT1IBWH	System 1 Internal Bend	5



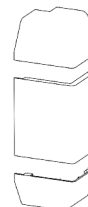
Product Code	Description	Pack Qty
XT2IBWH	System 2 Internal Bend	5



Product Code	Description	Pack Qty
XT3IBWH	System 3 Internal Bend	5

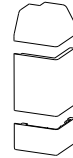


Product Code	Description	Pack Qty
XT1EBWH	System 1 External Bend	5



Challenger - 3 Compartment Profile System continued

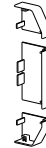
Product Code	Description	Pack Qty
XT2EBWH	System 2 External Bend	5



Product Code	Description	Pack Qty
XT3EBWH	System 3 External Bend	5



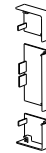
Product Code	Description	Pack Qty
XT1ECWH	System 1 End Cap Left & Right	5



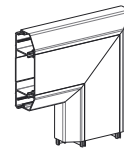
Product Code	Description	Pack Qty
XT2ECLWH	System 2 End Cap Left	5
XT2ECRWH	System 2 End Cap Right	5



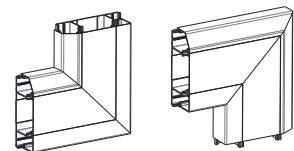
Product Code	Description	Pack Qty
XT3ECWH	System 3 End Cap Left & Right	5



Product Code	Description	Pack Qty
XT1FAWH	System 1 Flat Angle	1



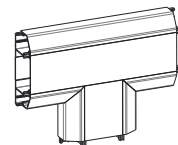
Product Code	Description	Pack Qty
XT2FAUWH	System 2 Flat Angle Up	1
XT2FADWH	System 2 Flat Angle Down	1



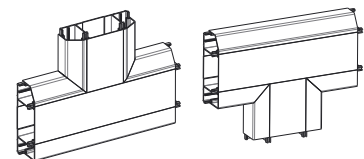
Product Code	Description	Pack Qty
XT3FAWH	System 3 Flat Angle	1



Product Code	Description	Pack Qty
XT1FTWH	System 1 Flat Tee	1

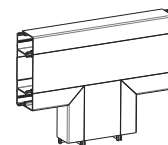


Product Code	Description	Pack Qty
XT2FTUWH	System 2 Flat Tee Up	1
XT2FTDWH	System 2 Flat Tee Down	1

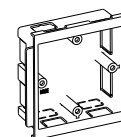


Challenger - 3 Compartment Profile System continued

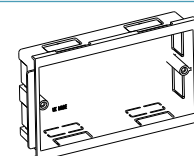
Product Code	Description	Pack Qty
XT3FTWH	System 3 Flat Tee	1



Product Code	Description	Pack Qty
XTBB1WH	1 Gang Outlet Box	20



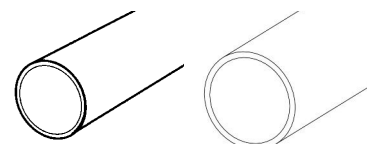
Product Code	Description	Pack Qty
XTBB2WH	2 Gang Outlet Box	10



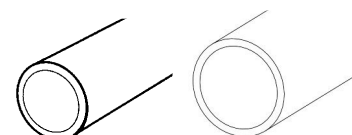
Conduit & Accessories Round & Oval Rigid Conduits

Manufactured in black and white PVC-U. Other colours are available upon request (subject to set up charges and lead times). Please request a quotation. Important when ordering: indicate product colour(s) required by using the following code suffixes: BK (Black) WH (White).

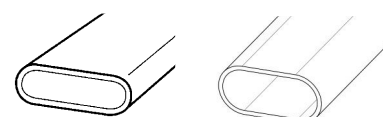
Product Code	Description	Pack Qty
LG20	Round Light Gauge 20mm o/d x 1.1mm Wall	30 x 3m
LG25	Round Light Gauge 25mm o/d x 1.5mm Wall	30 x 3m
LG32*	Round Light Gauge 32mm o/d x 1.5mm Wall	10 x 3m



Product Code	Description	Pack Qty
HG20	Round Heavy Gauge 20mm o/d x 1.7mm Wall	30 x 3m
HG25	Round Heavy Gauge 25mm o/d x 1.9mm Wall	30 x 3m
HG32*	Round Heavy Gauge 32mm o/d x 2.5mm Wall	10 x 3m



Product Code	Description	Pack Qty
OC13*	Oval Conduit 13mm x 8.6mm	50 x 3m
OC16*	Oval Conduit 16mm x 10mm	50 x 3m
OC20*	Oval Conduit 20mm x 11mm	50 x 3m
OC25*	Oval Conduit 25mm x 11mm	50 x 3m
OC32*	Oval Conduit 32mm x 12mm	25 x 3m



*Available in white only

Circular Conduit Fittings

Available in black and white PVC-U. Standard 50mm centres fitted with M4 Brass Inserts. Provision for Brass earthing terminals. Important when ordering: indicate product colour(s) required by using the following code suffixes: BK (Black) WH (White).

Product Code	Description	Pack Qty
CJB201WT	20mm 1 Way Terminal Box	20
CJB251WT	25mm 1 Way Terminal Box	20



Product Code	Description	Pack Qty
CJB202WT	20mm 2 Way Through Box	20
CJB252WT	25mm 2 Way Through Box	20



Product Code	Description	Pack Qty
CJB202WA	20mm 2 Way Angle Box	20
CJB252WA	25mm 2 Way Angle Box	20



Product Code	Description	Pack Qty
CJB203WT	20mm 3 Way Tee Box	20
CJB253WT	25mm 3 Way Tee Box	20



Product Code	Description	Pack Qty
CJB204WT	20mm 4 Way Intersection	20
CJB254WT	25mm 4 Way Intersection	20



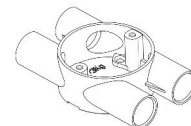
Product Code	Description	Pack Qty
CJB20U	20mm Branch 2 Way 'U'	20
CJB25U	25mm Branch 2 Way 'U'	20



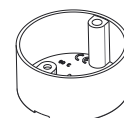
Product Code	Description	Pack Qty
CJB20Y	20mm Branch 3 Way 'Y'	20
CJB25Y	25mm Branch 3 Way 'Y'	20



Product Code	Description	Pack Qty
CJB20H	20mm Twin Through 'H'	20
CJB25H	25mm Twin Through 'H'	20

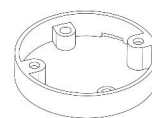


Product Code	Description	Pack Qty
LIB20KO	20mm 4 Knockout/Loop in-Box	20
LIB25KO	25mm 4 Knockout/Loop in-Box	20
LIB20	20mm Plain Loop in-Box - no knockout	20



Circular Conduit Fittings continued

Product Code	Description	Pack Qty
ER12	Extension Rings 12.5mm	20
ER20	Extension Rings 20mm	20
ER25	Extension Rings 25mm	20
ER38	Extension Rings 38mm	10

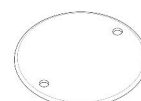


Circular Junction Box Lids

Product Code	Description	Pack Qty
LID1	Circular Lid 65mm	100

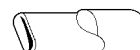


Product Code	Description	Pack Qty
LID2	Overlapping Lid	50

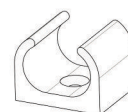


Conduit Accessories

Product Code	Description	Pack Qty
OTRA2020WH	Oval to Round Adaptor 20mm oval ø 20mm	50



Product Code	Description	Pack Qty
OSC13WH	Oval Spring Clips 13mm	100
OSC16WH	Oval Spring Clips 16mm	100
OSC20WH	Oval Spring Clips 20mm	100
OSC25WH	Oval Spring Clips 25mm	100
OSC32WH	Oval Spring Clips 32mm	100



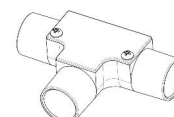
Product Code	Description	Pack Qty
IB20	20mm Inspection Bend	20
IB25	25mm Inspection Bend	20



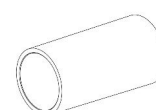
Product Code	Description	Pack Qty
IE20	20mm Inspection Elbow	20



Product Code	Description	Pack Qty
IT20	20mm Inspection Tee	20
IT25	25mm Inspection Tee	20



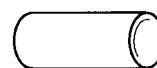
Product Code	Description	Pack Qty
SC20	20mm Straight Coupler	100
SC25	25mm Straight Coupler	50
SC32	32mm Straight Coupler	25



32mm System is available in white only

Conduit Accessories continued

Product Code	Description	Pack Qty
EX20	20mm Expansion Coupler	20
EX25	25mm Expansion Coupler	20
EX32	32mm Expansion Coupler	10



32mm is available in white only

Product Code	Description	Pack Qty
A20LR	20mm Male Adaptor	100
A25LR	25mm Male Adaptor	50

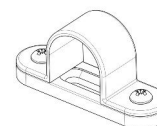


Product Code	Description	Pack Qty
A20MB	20mm Female Adaptor	100
A25MB	25mm Female Adaptor	50
A32MB	32mm Female Adaptor	25



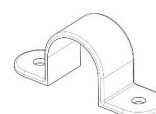
32mm System is available in white only

Product Code	Description	Pack Qty
SBS20	20mm Spacer Bar Saddle	100
SBS25	25mm Spacer Bar Saddle	50
SBS32	32mm Spacer Bar Saddle	50



32mm System is available in white only

Product Code	Description	Pack Qty
SS20	20mm Strap Saddle	100
SS25	25mm Strap Saddle	50
SS32	32mm Strap Saddle	50



32mm System is available in white only

Product Code	Description	Pack Qty
SCS20	20mm Spring Clip Saddle	100
SCS25	25mm Spring Clip Saddle	50
SCS32	32mm Spring Clip Saddle	25



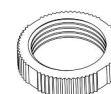
32mm System is available in white only

Product Code	Description	Pack Qty
NB20	20mm Normal Bend	25
NB25	25mm Normal Bend	10
NB32*	32mm Normal Bend	20



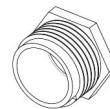
32mm System is available in white only * Couplers Required

Product Code	Description	Pack Qty
LR20	20mm System Lock Ring	100



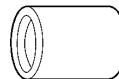
Conduit Accessories continued

Product Code	Description	Pack Qty
MB20	20mm Male Bush Threaded	100
MB25	25mm Male Bush Threaded	100
MB32	32mm Male Bush Threaded	25



32mm is available in white only

Product Code	Description	Pack Qty
RED20/16	20mm 20mm/16mm Reducers	50
RED25/20	25mm 25mm/20mm Reducers	50

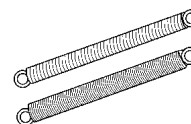


Product Code	Description	Pack Qty
BXSC	Adhesive 250ml	1



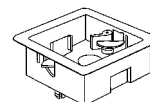
Safety data sheets regarding the conduit solvent cement BXSC are available on the Bendex website, www.bendex-plastics.com

Product Code	Description	Pack Qty
BS20L	20mm Light Gauge Bending Spring	1
BS20H	20mm Heavy Gauge Bending Spring	1
BS25L	25mm Light Gauge Bending Spring	1
BS25H	20mm Heavy Gauge Bending Spring	1

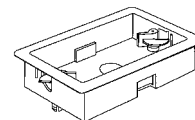


Dry Lining Boxes

Product Code	Description	Pack Qty
BDL1WH	Dry Lining Box 1 Gang Box	20



Product Code	Description	Pack Qty
BDL2WH	Dry Lining Box 2 Gang Box	10



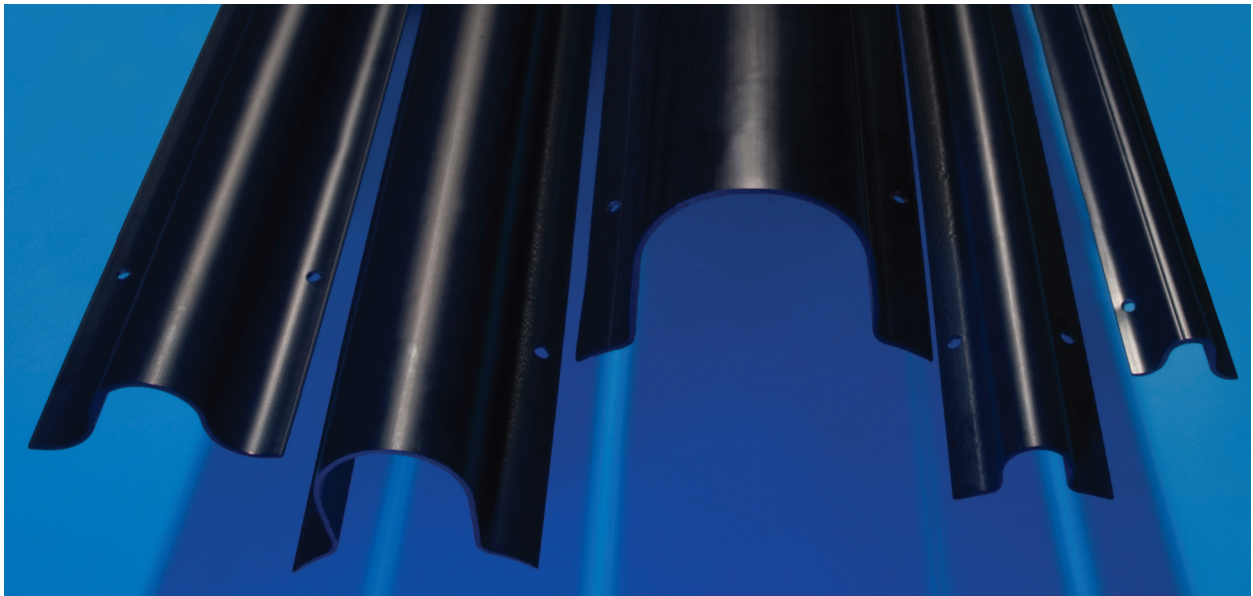
Contractor Packs

Each contractor pack consists of 10 metres of polypropylene conduit and 10 straight glands including 10 locknuts. Packs are available in black, other colours may be available upon request. (Subject to availability and lead time).

Contractor Pack		Description	Pack Qty
PP20CPBK	BCP20BK	20mm	1
PP25CPBK	BCP25BK	25mm	1

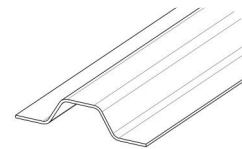
Product Code	Description	Pack Qty
FLEX2010WH	20mm Flexible Conduit 10m length	1 x 10m
FLEX2050WH	50mm Flexible Conduit 50m length	1 x 50m





Channelling

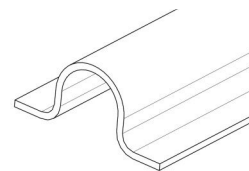
Product Code	Description	Pack Qty
CH13WH	PVC Channel 13mm x 8mm	50 x 2m
CH25WH	PVC Channel 25mm x 8mm	50 x 2m
CH38WH	PVC Channel 38mm x 9mm	50 x 2m



Cable Protection Guards

Manufactured in black PVC-U, for extra impact protection, with fixing holes.

Product Code	Description	Pack Qty
CG19BK	19mm x 19mm	10 x 3m
CG25BK	25mm x 25mm	10 x 3m
CG40BK	40mm x 40mm	10 x 3m
CG55BK	55mm x 55mm	10 x 3m
CG80BK	80mm x 80mm	5 x 3m



Technical Information

Mini Trunking

Designed to give improved appearance and security to surface cables, Bendex 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.

ACCESSORY BOXES

Select the appropriate box and remove the required knockout, 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.

END CAPS

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

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.

CABLE CAPACITIES MT16

Conductor Type	Size	Cable Factor	Max No Cables @45% Fill (70.9sq. mm)
Stranded PVC Power	1.5mm ²	8	8
Stranded PVC Power	2.5mm ²	11.9	5
Stranded PVC Power	4.0mm ²	16.6	4
Stranded PVC Power	6.0mm ²	28.3	2

CABLE CAPACITIES MT25

Conductor Type	Size	Cable Factor	Max No Cables @45% Fill (119.4sq. mm)
Stranded PVC Power	1.5mm ²	8	14
Stranded PVC Power	2.5mm ²	11.9	10
Stranded PVC Power	4.0mm ²	16.6	7
Stranded PVC Power	6.0mm ²	28.3	4

CABLE CAPACITIES MT38

Conductor Type	Size	Cable Factor	Max No Cables @45% Fill (197.7 sq. mm)
Stranded PVC Power	1.5mm ²	8	24
Stranded PVC Power	2.5mm ²	11.9	16
Stranded PVC Power	4.0mm ²	16.6	11
Stranded PVC Power	6.0mm ²	28.3	6

CABLE CAPACITIES MT40

Conductor Type	Size	Cable Factor	Max No Cables @45% Fill (327.7 sq. mm)
Stranded PVC Power	1.5mm ²	8	40
Stranded PVC Power	2.5mm ²	11.9	27
Stranded PVC Power	4.0mm ²	16.6	19
Stranded PVC Power	6.0mm ²	28.3	11

Challenger Trunking Cable Capacities

All calculations allow for a 45% space factor. As there can be differences between cable sizes, Bendex recommend that cable dimensions are confirmed with the manufacturing company.

Cable capacity chart	Compartment 1		Compartment 2		Compartment 3	
	No box	With box	No box	With box	No box	With box
PVC power cable 1.5mm stranded copper						
Challenger System 1	71	-	217	77	71	-
Challenger System 2	71	-	217	77	87	-
Challenger System 3	87	-	217	77	87	-
PVC power cable 2.5mm stranded copper						
Challenger System 1	48	-	145	52	48	-
Challenger System 2	48	-	145	52	58	-
Challenger System 3	58	-	145	52	58	-
PVC power cable 4.0mm stranded copper						
Challenger System 1	34	-	105	37	34	-
Challenger System 2	34	-	105	37	42	-
Challenger System 3	42	-	105	37	42	-
Data cable: Ø5.5mm						
Challenger System 1	24	-	73	26	24	-
Challenger System 2	24	-	73	26	29	-
Challenger System 3	29	-	73	26	29	-
Data cable: Ø6.0mm						
Challenger System 1	20	-	61	22	20	-
Challenger System 2	20	-	61	22	25	-
Challenger System 3	20	-	61	22	25	-
Data cable: Ø6.5mm ²						
Challenger System 1	18	-	54	19	18	-
Challenger System 2	18	-	54	19	22	-
Challenger System 3	22	-	54	19	22	-
Data cable: Ø7.0mm ²						
Challenger System 1	15	-	45	16	15	-
Challenger System 2	15	-	45	16	18	-
Challenger System 3	18	-	45	16	18	-
Data cable: Ø8.4mm ²						
Challenger System 1	10	-	31	11	10	-
Challenger System 2	10	-	31	11	13	-
Challenger System 3	13	-	31	11	13	-

PVC-U Conduit Cable Capacities

All calculations allow for a 45% space factor.

Conduit Cable Type	Normal Size	User CSA (mm)	45% Space factor (mm ²)
LG20	20	248.8	112.0
LG25	25	380.1	171.1
LG32	32	660.5	297.2
HG20	20	216.4	97.4
HG25	25	353.0	158.8
HG32	32	572.6	257.6
OC13	13 x 8.6	69.3	31.2
OC16	16 x 10	105.8	47.6
OC20	20 x 11	151.2	68.0
OC25	25 x 11	189.6	85.3
OC32	32 x 12	264.4	119.0