

EVERMORE

uPVC CONDUIT PIPE FITTINGS



... THE RIGHT CONNECTION

HEAVY GAUGE CONDUIT

BS EN 50086 / BS 6099 / BS 4607 (where applicable)

EVERMORE HIGH IMPACT uPVC HEAVY GAUGE

SIZE:	20MM	25MM	32MM	38MM	50MM
ORDERING REF:	EPP-20W	EPP-25W	EPP-32W	EPP-38W	EPP-50W
NOM. THICKNESS	1.65MM	1.85MM	2.4MM	2.5MM	3.0MM
STANDARD PACK	2.9 x 25	2.9 x 25	2.9 x 15	2.9 x 15	2.9 x 10
COLOUR	WHI/BLK	WHI/BLK	WHI/BLK	WHI/BLK	WHI/BLK



CONDUIT CABLE CAPACITIES

Taken from appendix 12 of the 15th edition of the IEE regulations

Single-core p.v.c.-insulated cables in straight runs of conduits not exceeding 3m in length.

For each cable it is intended to use, obtain the appropriate factor from Table 12A.

Add all the cable factors so obtained and compare with the conduit factors given in Table 12B.

The conduit size which will satisfactorily accommodate the cables is that size having the factor equal to or exceeding the sum of the cable factors.

The conduit size which will satisfactorily accommodate the cables is that size having a factor equal to or exceeding the sum of the cable factors.

Single-core p.v.c.-insulated cables in straight runs of conduit exceeding 3m in length or in runs of any length incorporating bonds or sets.

For each cable it is intended to use, obtain the appropriate factor from Table 12C.

Add all the cable factors so obtained and compare with the conduit factors given in Table 12D taking into account the length of run it is intended to use and the number of bends and sets in that run.

Table 12B
Conduit factors for short straight runs

Conduit dia mm	Factor
16	290
20	460
25	800
32	1400

Table 12A
Cable factors for short straight runs

Type of Conductor	Conductor cross-sectional area mm ²	Factor
Solid	1.0	22
	1.5	27
	2.5	39
Stranded	1.5	31
	2.5	43
	4.0	56
	6.0	96
	10.0	146

Table 12C
Cable factors for long straight runs or runs incorporating bends

Type of Conductor	Conductor cross-sectional area mm ²	Factor
Solid or Stranded	1.0	16
	1.5	22
	2.5	30
	4.0	43
	6.0	58
	10.0	105

uPVC CONDUIT PIPE FITTINGS

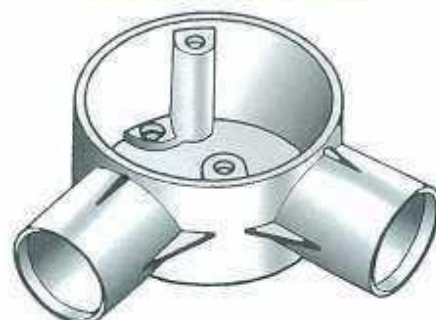
BS EN 50086 / BS 6099 / BS 4607 (where applicable)

LOOP-IN BOXES ☐



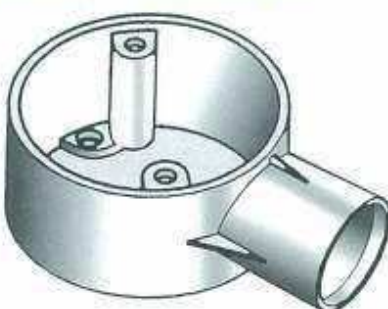
With 20mm back knock-outs

CIRCULAR JUNCTION BOXES - ANGLE ☐



Available in sizes 20mm, 25mm

CIRCULAR JUNCTION BOXES - TERMINAL ☐



Available in sizes 20mm, 25mm

CIRCULAR JUNCTION BOXES - THROUGH ☐



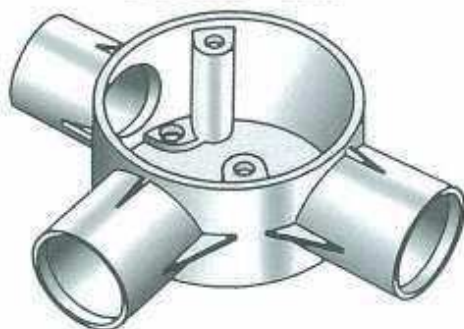
Available in sizes 20mm, 25mm

☐ Available in white only. Fixing centres 50mm fitted with M4 brass Inserts or plain unscrewed suitable for self-tapped screws
Boxes meet requirement of relevant BS where applicable

Table 12D
Conduit factors for runs incorporating bends

Length of run (m)	C O N D U I T																			
	16	20	25	32	16	20	25	32	16	20	25	32	16	20	25	32	16	20	25	32
	Straight				One Bend				Two Bends				Three Bends				Four Bends			
1.0	Covered by Tables 12A and 12B				186	303	543	947	177	286	514	900	158	256	463	818	130	213	364	692
1.5					182	294	528	923	167	270	487	857	143	233	422	750	111	182	333	600
2.0					177	286	514	900	158	256	463	818	130	213	386	692	97	159	292	529
2.5					171	278	500	878	150	244	442	783	120	196	358	643	86	141	260	474
3.0					167	270	487	857	143	233	422	750	111	182	333	600				
3.5	179	290	521	911	162	263	475	837	136	222	404	720	103	169	311	563				
4.0	177	286	514	900	158	256	463	818	130	213	398	682	97	159	292	529				
4.5	174	282	507	889	154	250	452	800	125	204	373	667	91	149	275	500				
5.0	171	278	500	878	150	244	442	783	120	196	358	643	86	141	260	474				
6.0	167	270	487	857	143	233	422	750	111	182	333	600								
7.0	162	263	475	837	136	222	404	720	103	169	311	563								
8.0	158	256	463	818	130	213	398	692	97	159	292	529								
9.0	154	250	452	800	125	204	373	667	91	149	275	500								
10.0	150	244	442	783	120	196	358	643	86	141	260	474								

CIRCULAR JUNCTION BOXES - TEE



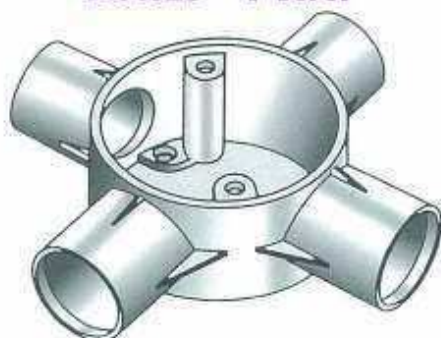
Available in sizes 20mm, 25mm

COUPLERS



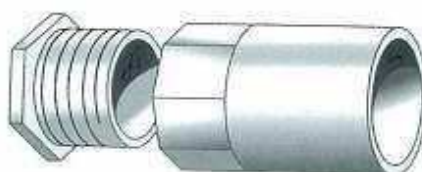
Available in white
Suitable for the following pipe sizes
20, 25, 32, 38, 50mm

CIRCULAR JUNCTION BOXES - 4-WAY



Available in sizes 20mm, 25mm

FEMALE ADAPTORS



Available in white
Suitable for the following pipe sizes
20, 25, 32, 38, 50mm

ADAPTABLE BOXES - 3x3



Square Adaptable boxes
75mm x 75mm x 75mm

Available in white
Can be converted for use as 1-way to 4-ways

EXTENSION RINGS



Circular Extension Rings

Having two lugs fitted with M4 brass inserts and two plain bored lugs

Available in white

Height available
25, 32, & 38mm

SQUARE JUNCTION BOXES - TERMINAL



Square Adaptable boxes
75mm x 75mm x 75mm

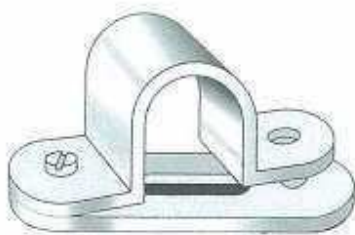
Available in white

REDUCERS



Available in white
Sizes available are 20 25 32, 38 & 50mm

SADDLES WITH BASE



Available in white
(with or without screws)
Sizes available are 20, 25, 32, 38, 50mm

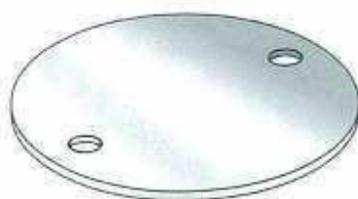
SWITCH / SOCKET BOXES - 1 GANG



Flush Type

38 mm deep
Available in white only
Available with 3.5mm
brass inserts or self
tapping screw holes at
60.3mm centre
Boxes have mixed
20/25mm knock-outs

CIRCULAR LIDS



50mm fixing centre
Flush fitting (65mm dia.)
Available in white

SWITCH / SOCKET BOXES - 2 GANG



Flush Type

38 mm deep
Available in white only
Available with 3.5mm
brass inserts or self
tapping screw holes at
120mm centre
Boxes have mixed
20/25mm knock-outs

The manufacturer has a policy of continuous improvement and reserves the right to change specifications, designs and products at any time without prior notice

PROPERTIES OF RIGID PVC PIPES & FITTINGS

Specific Gravity	1.40 - 1.43
Flexural Strength	700 - 950 KG/CM ² 9,950 - 13,500 PSI
Compression Strength	675 - 800 KG/CM ² 9,600 - 11,400 PSI
Modulus Elasticity	35,000 KG/CM ² 4,97,800 PSI
Compressive Strength	670 KG/CM ²
Short Term Tensile Yield Value	500 - 600 KG/CM ² 7,100 - 8,500 PSI
Elongation At Yield	2 - 4%
Electrical Volume Resistivity	> 10 ¹⁴ OHM.CM
Thermal Conductivity	4.0 x 10 ⁻⁴ CAL/CM/C ² /°C/HR
Specific Heat	0.25 K CAL/KG°C
Linear Coefficient Of Expansion	8 x 10 ⁻⁵ /°C 4.4 x 10 ⁻⁵ /°F
Ignition By Flame	Very Difficult
Burning Rate	Self Extinguishing
Water Absorption	Less Than 4 MG/CM ²



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