

Steel Conduit Tube, Accessories & Consumables

Certificates of
Conformity

metpro®

Quality products for the Built Environment

CONTENTS

Steel Conduit Tube: BS EN 61386-1:2008+A1:2019	
Declaration of Conformity	2
Steel Conduit Tube: BS 31	
Declaration of Conformity	3
Malleable Boxes	
Declaration of Conformity	4-5
Metric Metal Conduit Accessories	
Declaration of Conformity	6-9
Imperial Metal Conduit Accessories	
Declaration of Conformity	10-11
+A1:2019: What This Update Means	12-13

Steel Conduit Tube:

BS EN 61386-1:2008+A1:2019

Declaration of Conformity

Metpro Limited declare under our sole responsibility that:
Class 4 Hot Dip Galvanised Conduit Tube

Have been manufactured to the general tolerances of the following Standard:
BS EN 61386-1:2008+A1:2019 - Conduit Systems for Cable Management
To the highest classification in all relevant categories

Relevant SKUs

Code	Diameter	Length
GC20/3	20mm	3mtr
GC25/3	25mm	3mtr
GC20	20mm	3.75mtr
GC25	25mm	3.75mtr
GC32	32mm	3.75mtr

In accordance with - Electrical Equipment (Safety) Regulations 2016



Signed on behalf of Metpro Limited:

Mr. M Holmes

Product & Vendor Development Manager

Date of Issue:

25th May 2022

Steel Conduit Tube :

BS 31



Declaration of Conformity

Metpro Limited declare under our sole responsibility that:

Class 4 Hot Dip Galvanised Conduit Tube

Have been manufactured to the general tolerances of the following Standard:

BS 31 - Steel Conduit and Fittings for Electrical Wiring

To the highest classification in all relevant categories

Relevant SKUs

Code	Diameter	Length
GC4	1.5"	3.75mtr
GC5	2"	3.75mtr

Signed on behalf of Metpro Limited:

Mr. P Elliott

Commercial Manager

Date of Issue:

4th January 2021

Malleable Boxes:

BS EN 61386-1:2008+A1:2019



Declaration of Conformity

Metpro Limited declare under our sole responsibility that:
Metal Conduit Fittings

Have been manufactured to the general tolerances of the following Standard:
BS EN 61386-1:2008+A1:2019 - Conduit Systems for Cable Management
 To the highest classification in all relevant categories

Relevant SKUs

Malleable Boxes: Standard

TERMINAL

Galv	Black	Size
MB1G	MB1B	20mm
MB8G	MB8B	25mm
MB21G	-	32mm

INTERSECTION

Galv	Black	Size
MB5G	MB5B	20mm
MB12G	MB12B	25mm

TANGENT TEE

Galv	Black	Size
MB17G	MB17B	20mm

THROUGH

Galv	Black	Size
MB2G	MB2B	20mm
MB9G	MB9B	25mm
MB22G	-	32mm

BRANCH U

Galv	Black	Size
MB6G	MB6B	20mm
MB13G	MB13B	25mm

TANGENT ANGLE

Galv	Black	Size
MB19G	MB19B	20mm

ANGLE

Galv	Black	Size
MB3G	MB3B	20mm
MB10G	MB10B	25mm
MB23G	-	32mm

BRANCH Y

Galv	Black	Size
MB7G	MB7B	20mm
MB14G	MB14B	25mm

TEE

Galv	Black	Size
MB4G	MB4B	20mm
MB11G	MB11B	25mm
MB24G	-	32mm

THROUGH H

Galv	Black	Size
MB15G	MB15B	20mm
MB16G	-	25mm

Relevant SKUs continued

Malleable Boxes: Back Outlets

BACK OUTLET

Galv	Black	Size
TB1G	TB1B	20mm
TB1IG	-	25mm

THROUGH BACK OUTLET

Galv	Black	Size
TB3G	TB3B	20mm

TEE BACK OUTLET

Galv	Black	Size
TB5G	TB5B	20mm

TERMINAL BACK OUTLET

Galv	Black	Size
TB2G	TB2B	20mm

ANGLE BACK OUTLET

Galv	Black	Size
TB4G	TB4B	20mm

INTERSECTION BACK OUTLET

Galv	Black	Size
TB6G	TB6B	20mm

Malleable Boxes: Extension

TERMINAL EXTENSION

Galv	Black	Size
ET1G	ET1B	20mm

ANGLE EXTENSION

Galv	Black	Size
ET3G	ET3B	20mm

INTERSECTION EXTENSION

Galv	Black	Size
ET5G	ET5B	20mm

THROUGH EXTENSION

Galv	Black	Size
ET2G	ET2B	20mm

TEE EXTENSION

Galv	Black	Size
ET4G	ET4B	20mm

Signed on behalf of Metpro Limited:



Mr. P Elliott
Commercial Manager

Date of Issue:

4th January 2021

Metric Metal Conduit Accessories: BS EN 61386-1:2008+A1:2019



Declaration of Conformity

Metpro Limited declare under our sole responsibility that:

Metal Conduit Fittings

Have been manufactured to the general tolerance of the following Standards:

BS EN 61386-1:2008+A1:2019 - Conduit Systems for Cable Management

To the highest classification in all relevant categories

Relevant SKUs

Sadles, Bends, Elbows & Tees

SPACER BAR SADDLES

Galv	Black	Size
SBS20G	SBS20BL	20mm
SBS25G	SBS25BL	25mm
SBS32G	SBS32B	32mm

HALF SADDLES

Galv	Black	Size
HS1G	HS1B	20mm
HS2G	HS2B	25mm

INSPECTION ELBOW

Galv	Black	Size
IE1G	IE1B	20mm
IE2G	IE2B	25mm
IE3G	-	32mm

PLAIN SADDLES

Galv	Black	Size
PS1G	PS1B	20mm
PS2G	PS2B	25mm
PS3G	PS3B	32mm

SOLID BEND

Galv	Black	Size
SB1G	SB1B	20mm
SB2G	SB2B	25mm
SB3G	-	32mm

SOLID TEE

Galv	Black	Size
ST1G	-	20mm
ST2G	-	25mm

DISTANCE SADDLES

Galv	Black	Size
DS1G	DS1B	20mm
DS2G	DS2B	25mm
DS3G	DS3B	32mm

INSPECTION BEND

Galv	Black	Size
IB1G	IB1B	20mm
IB2G	IB2B	25mm
IB3G	-	32mm

INSPECTION TEE

Galv	Black	Size
IT1G	IT1B	20mm
IT2G	IT2B	25mm
IT3G	-	32mm

HOSPITAL SADDLES

Galv	Black	Size
HOSPIG	-	20mm
HOSP2G	-	25mm

SOLID ELBOW

Galv	Black	Size
SE1G	-	20mm
SE2G	-	25mm

Relevant SKUs continued

Couplers & Adaptors, Reducers & Stopping Plugs, Nipples

SOLID COUPLERS

Galv	Black	Size
SC1G	SC1B	20mm
SC2G	SC2B	25mm
SC3G	SC3B	32mm

METRIC TO IMPERIAL ADAPTOR

Galv	Black	Size
FA1G	FA1B	20mm (M) to 3/4" (F)
FA3G	FA3B	25mm (M) to 1" (F)

HEXAGON STOPPING PLUGS

Galv	Black	Size
HSP1G	HSP1B	20mm
HSP2G	HSP2B	25mm
HSP3G	-	32mm

FLANGED COUPLERS

Galv	Black	Size
FCS1G	FCS1B	20mm
FCS2G	FCS2B	25mm
FCS3G	-	32mm

IMPERIAL TO METRIC ADAPTOR

Galv	Black	Size
FA2G	FA2B	3/4" (M) to 20mm (F)
FA4G	FA4B	1" (M) to 25mm (F)

SCREWED NIPPLES

Code	Size
NS1	20mm short
NS1/L	20mm long
NS2	25mm short
NS2/L	25mm long
NS3	32mm short

EARTH COUPLERS

Galv	Black	Size
EC1G	EC1B	20mm
EC2G	EC2B	25mm

HEXAGON REDUCERS

Galv	Black	Size
HR1G	HR1B	20-16mm
HR2G	HR2B	25-20mm
HR3G	HR3B	32-20mm
HR4G	HR4B	32-25mm

Relevant SKUs continued

Miscellaneous Accessories

EXTENSION RINGS

mm>>	10mm	13mm	16mm	20mm	25mm	32mm	40mm	50mm
Galv	SR10G	SR13G	SR16G	SR20G	SR25G	SR32G	SR40G	SR50G
Black	SR10B	SR13B	SR16B	SR20B	SR25B	SR32B	SR40B	SR50B

LOOP-IN BOXES

Galv	Black	Size
LP1G	LP1B	one hole
LP2G	-	two hole
LP4G	LP4B	4 hole k/o
MLPIG	-	one hole malleable

BOX LIDS / COVERS

Galv	Black	Type
BL1G	BL1B	circular
BL1G/OS	-	oversized
BL3G	-	4 hole
HL1G	-	heavy

RUBBER GASKETS

Code	Type
CRG1	gaskets
CRG3	4 hole circular

HOOK PLATES

Galv	Black	Size
HP1G	HP1B	20mm

MALE HOOKS

Galv	Black	Size
MH1G	MH1B	20mm
MHM1G	MHM1B	20mm

CRAMPETS

Galv	Black	Size	Type
CF1G	CF1B	20mm	Flat
CF2G	CF2B	25mm	Flat
CF1G/T	CF1B/T	20mm	Twisted
CF2G/T	CF2B/T	25mm	Twisted

BALL & SOCKET COVER

Code
BSC1G

DOME COVERS: FEMALE

Galv	Black	Size
DC1G	DC1B	20mm
MDC1G	-	20mm*
DC2G	-	25mm

Relevant SKUs continued

Steel & Brass

MALE BRASS BUSHES: SHORT

Code	Size
MBBS16	16mm
MBBS1	20mm
MBBS2	25mm
MBBS3	32mm

MALE BRASS BUSHES: LONG

Code	Size
MBBL1	20mm
MBBL2	25mm
MBBL3	32mm
MBBL6	63mm
MBBL8	75mm

FEMALE BRASS BUSHES

Code	Size
FBB1	20mm
FBB2	25mm
FBB3	32mm
FBB6	63mm
FBB8	75mm

BRASS LOCK RINGS

Code	Size
LR6	63mm
LR8	75mm

BRASS COUPLERS

Code	Size
SC6	63mm
SC8	75mm

BRASS SLOTTED PLUGS

Code	Size
BSP1	20mm
BSP2	25mm

LOCK RINGS

Code	Size
LR16	16mm
LR1	20mm
LR2	25mm
LR3	32mm

LOCKNUTS

Galv	Black	Size
LN16G	-	16mm
LN1G	LN1B	20mm
LN2G	LN2B	25mm
LN3G	LN3B	32mm
LN40G	-	40mm
HN1G	-	20mm heavy

Signed on behalf of Metpro Limited:



Mr. P Elliott
Commercial Manager

Date of Issue:

4th January 2021

Imperial Metal Conduit Accessories: BS 31



Declaration of Conformity

Metpro Limited declare under our sole responsibility that:
Metal Conduit Fittings

Have been manufactured to the general tolerance of the following Standards:
BS 31 - Steel Conduit and Fittings for Electrical Wiring
To the highest classification in all relevant categories

Relevant SKUs

Sadles, Bends, Elbows & Tees

SPACER BAR SADDLES

Galv	Black	Size
SBS38G	SBS38B	1.5"
SBS50G	SBS50B	2"

PLAIN SADDLES

Galv	Black	Size
PS4G	PS4B	1.5"
PS5G	PS5B	2"

DISTANCE SADDLES

Galv	Black	Size
DS4G	DS4B	1.5"
DS5G	DS5B	2"

SOLID COUPLERS

Galv	Black	Size
SC4G	SC4B	1.5"
SC5G	SC5B	2"

Relevant SKUs continued

MALE BRASS BUSHES: SHORT

Code	Size
MBBS4	1.5"
MBBS5	2"

BRASS LOCK RINGS

Code	Size
LR7	2.5"

LOCKNUTS

Galv	Black	Size
LN4G	LN4B	1.5"
LN5G	LN5B	2"

MALE BRASS BUSHES: LONG

Code	Size
MBBL4	1.5"
MBBL5	2"
MBBL7	2.5"

FEMALE BRASS BUSHES

Code	Size
FBB4	1.5"
FBB5	2"
FBB7	2.5"

LOCK RINGS

Code	Size
LR4	1.5"
LR5	2"

Signed on behalf of Metpro Limited:



Mr. P Elliott
Commercial Manager

Date of Issue:

4th January 2021

+A1:2019: What This Update Means

This latest update to BSEN61386-1:2008 entitled +A1:2019 now requires lengths of tube to be tested without any accessories, eg conduit boxes, and an addition to the markings on tube lengths.

These new markings refer to the inclusion of four numbers, highlighted in the image below, each of which is a reference to the Class Grades that conduit achieves as stipulated in the Standard as follows in order:

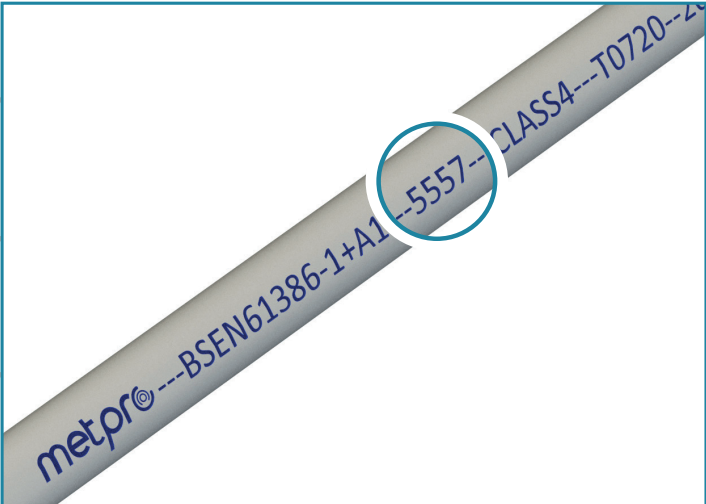
#1 - Compression Class Grade
#2 - Impact Class Grade

#3 - Lower Temperature Range
#4 - Highest Temperature Range

Ensuring all Metpro product is fully up to standard, we have carried out the revised tests on our 20mm, 25mm and 32mm conduit tube, all of which achieved the highest classification in each Grade of the Standard.

Our latest stock has received the new marking shown to the right and will be available from September 2020.

Metpro Classification

5 COMPRESSION CLASS GRADE	
5 IMPACT CLASS GRADE	
5 LOWER TEMP RANGE GRADE (-45 °C)	
7 HIGHER TEMP RANGE GRADE (+400 °C)	

Compression Force

CLASSIFICATION	CONDUIT	COMPRESSION FORCE TOLERANCE ⁺⁴ / ₀ % (N)
1	VERY LIGHT	125
2	LIGHT	320
3	MEDIUM	750
4	HEAVY	1250
5	VERY HEAVY	4000

Impact Test Values

CLASSIFICATION	CONDUIT & FITTINGS	MASS OF HAMMER TOLERANCE (kg)	FALL HEIGHT TOLERANCE ± 1 % mm
1	VERY LIGHT	0,5	100
2	LIGHT	1,0	100
3	MEDIUM	2,0	100
4	HEAVY	2,0	300
5	VERY HEAVY	6,8	300

Lower Temperature Range

CLASSIFICATION	APPLICATION AND INSTALLATION TEMPERATURE NOT LESS THAN: °C
1	+ 5
2	- 5
3	- 15
4	- 25
5	- 45

Upper Temperature Test

CLASSIFICATION	APPLICATION AND INSTALLATION TEMPERATURE NOT MORE THAN: °C
1	60
2	90
3	105
4	120
5	150
6	250
7	400

