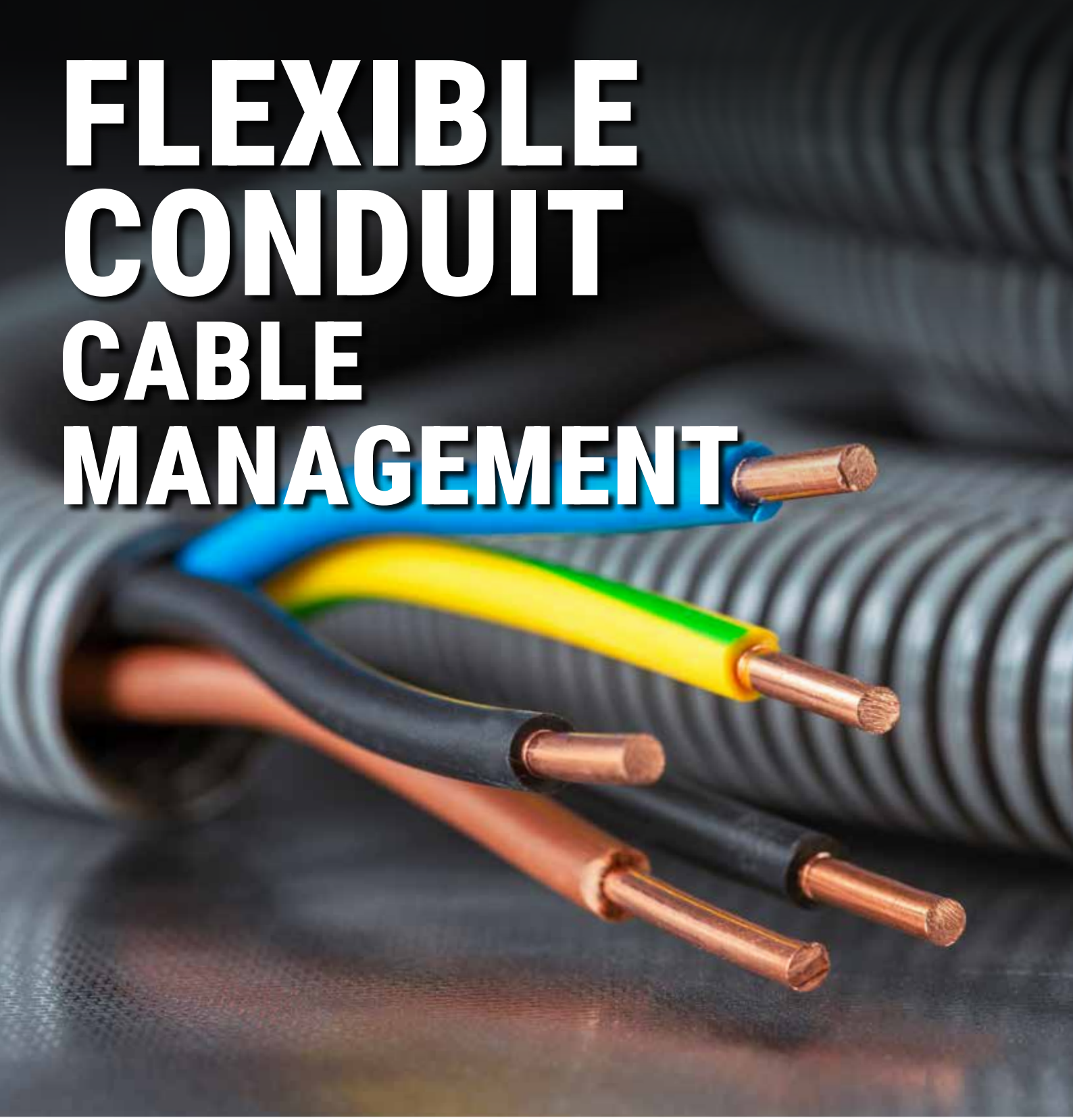
FLEXIBLE CONDUIT CABLE MANAGEMENT



Flexible Conduit:

- Polypropylene PP
- PVC Viniflex
- Galvanised Steel / PVC Coated
- Liquid Tight
- Glands & P Clips

Cable Management:

- Cable Trunking
- Braided Sleeving
- Spiral Binding
- Grommet Strips
- Marker Strips
- Engineers Coloured Marker Box
- Plastic Glands
- Blanking Plugs

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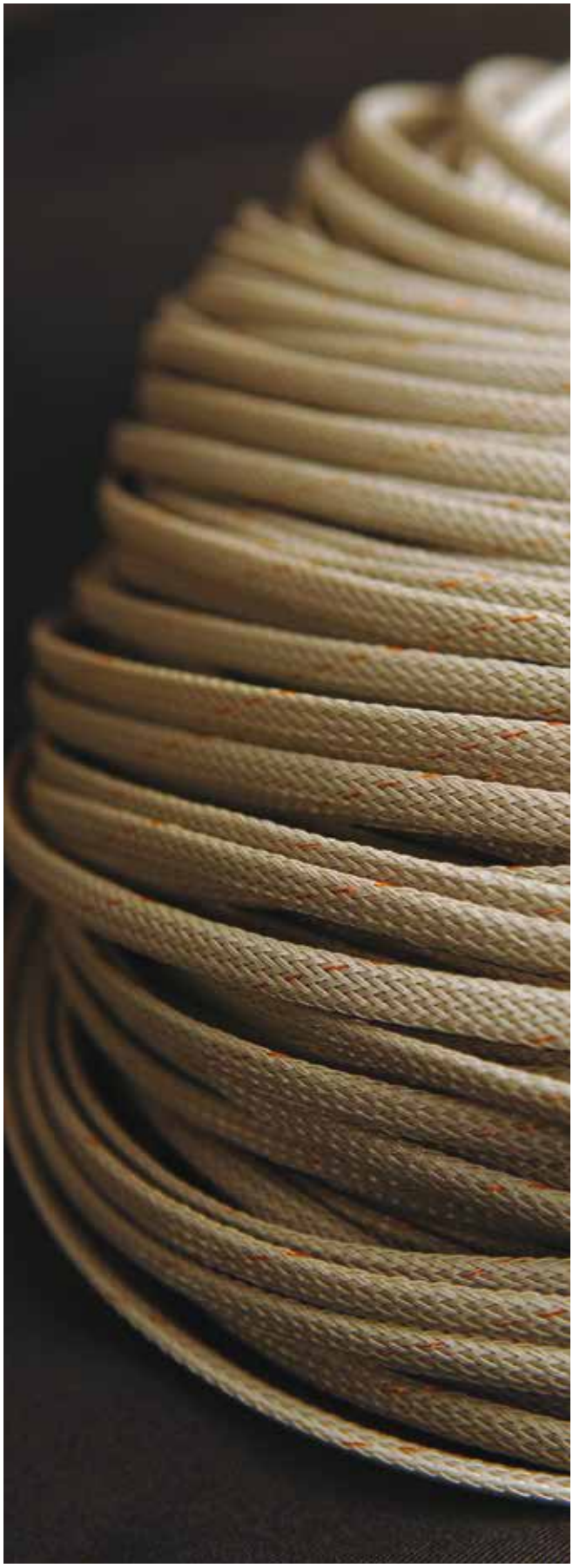
INTRODUCTION

Established for over 30 years MCG are continually looking to improve and innovate with its product ranges. Cable Management are no exception and in this latest brochure we have introduced new products to our already expansive range.



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POLYPROPYLENE FLEXIBLE CONDUIT

PP Flexible Conduits - TPP

- Usage: Conduit for General Use
- Material: Polypropylene PP
- Temperature Range: -30°C- +95°
- Standard: EN61386
- Crush Resistance: 350N
- Available Colour: Black and White

N20/50M

N25/50MW

Code	Ref No	Dimensions		Colour
		Diameter Ø [mm]	Length [m]	
0097-8961	N20/50M	20	50	Black
2805-8347	N20/100M	20	100	Black
1167-7861	N25/50M	25	50	Black
0097-8967	N32/50M	32	50	Black
0172-8340	N20/50MW	20	50	White
0172-8349	N25/50MW	25	50	White
0172-8355	N32/50MW	32	50	White

PP Glands - T-HG

- Design to use with MCG PP conduits
- Material: Polypropylene PP
- Temperature Range: -30°C- +95°
- IP51 rated
- c/w Locknut
- Available Colour: Black and White

N25G

N25GW

Code	Ref No	Diameter Ø [mm]	Colour	Pack Qty
0013-6882	N20G	20	Black	x10
0856-8100	N25G	25	Black	x10
0108-0973	N32G	32	Black	x10

Code	Ref No	Diameter Ø [mm]	Colour	Pack Qty
1728-0343	N20GW	20	White	x10
1728-0352	N25GW	25	White	x10
1728-0358	N32GW	32	White	x10

PP Flexible Conduits - Contractor Pack

Complete with 10 standard Glands.

Code	Ref No	Dimensions		Colour
		Diameter Ø [mm]	Length [m]	
0013-6879	N20/10MCP	20	10	Black
0013-6885	N25/10MCP	25	10	Black
1728-0337	N20/10MCPW	20	10	White
1728-0346	N25/10MCPW	25	10	White

N25/10MCP

N20/10MCPW

PVC FLEXIBLE CONDUIT

PVC Flexible Conduit Viniflex 'N'

Constructed from high quality black PVC over a rigid PVC spiral.

Features:

- Complies with UL 94 VO
- Temperature range -5°C to +60C°
- Smooth inner lining for easy cable feed
- Corrugated Black
- Highly flexible
- Stretch and crush resistant
- Self extinguishing
- UV stabilised
- IP65 rated

V32/5M

Code	Ref No	Dimensions			Colour
		Diameter Ø [mm]	Length [m]	Internal Diameter Ø [m]	
1903-3636	V20/10M	20	10	16	Black
1903-3642	V20/50M	20	50	16	Black
1903-3648	V25/10M	25	10	22	Black
1903-3654	V25/50M	25	50	22	Black

Code	Ref No	Dimensions			Colour
		Diameter Ø [mm]	Length [m]	Internal Diameter Ø [m]	
1903-3663	V32/5M	32	5	28	Black
1903-3660	V32/25M	32	25	28	Black
1903-3672	V50/30M	50	30	40	Black
1903-3675	V63/30M	63	30	50	Black

PVC Flexible Conduit Viniflex 'N' Standard Glands, c/w Locknut

Features:

- Designed to be used with PVC Flexible Conduit
- Complies with UL 94 VO
- IP65 rated

V63G

Code	Ref No	Size [mm]	Pack Qty
1903-3645	V20G	20 x 1.5	x10
1903-3657	V25G	25 x 1.5	x10
1903-3669	V32G	32 x 1.5	x10
0013-8403	V50G	50 x 1.5	x10
1903-3678	V63G	63 x 1.5	x10

PVC Flexible Conduit Viniflex 'N' Contractor Packs

Complete with standard Glands.

V32/5MCP

Conduit with Glands fitted

Code	Ref No	Diameter Ø [mm]	Length [m]	Description
1903-3639	V20/10MCP-B	20	10	c/w 10 Glands
1903-3651	V25/10MCP-B	25	10	c/w 10 Glands
1903-3666	V32/5MCP	32	5	c/w 5 Glands

GALVANISED STEEL FLEXIBLE CONDUIT

PVC Coated Galvanised Liquid Tight Flexible Conduit

Constructed from galvanised steel with black PVC cover providing excellent flexibility and Rigidity.

- Material: Galvanised steel with PVC cover
- Temperature Range: -40°C- +90°
- Standard: EN61386
- Crush Resistance: 1000N
- Available Colour: Black
- IR Rated IP68 with MCG Liquid tight gland

Code	Ref No	Diameter Ø [mm]	Gland Type	Pack Qty
2793-5443	GSFLT20/10M	20	10M/ Black	1

GALVANISED STEEL FLEXIBLE CONDUIT

PVC Coated Galvanised Flexible Conduits - TN

Constructed from galvanised steel with a black PVC cover providing excellent flexibility.

- Material: Galvanised steel with PVC cover
- Temperature Range: -40°C- +90°
- Standard: EN61386
- Crush Resistance: 600N
- Available Colour: Black

Code	Ref No	Dimensions		Colour
		Diameter Ø [mm]	Length [m]	
0013-5856	GSF16/10	16	10	Black
0013-5859	GSF16/30	16	30	Black
0013-5862	GSF20/10	20	10	Black
0013-5865	GSF20/30	20	30	Black
2805-7324	GSF20/50	20	50	Black
0013-5868	GSF25/10	25	10	Black
0013-5871	GSF25/30	25	30	Black
2805-7327	GSF25/50	25	50	Black
0013-5874	GSF32/10	32	10	Black
0013-5877	GSF32/20	32	20	Black

GSF25/10

PVC Coated Galvanised Flexible Conduits - Contractor Pack c/w 10 Glands

Code	MCG Ref No	Dimensions		Colour	Gland Type
		Diameter Ø [mm]	Length [m]		
2199-3040	GSF20/10MCP	20	10	Black	Standard
2233-7452	GSF20/10MCPS	20	10	Black	Swivel
2793-5431	GSF25/10MCP	25	10	Black	Standard

GSF20/10MCPS

Galvanised Flexible Conduits - TS

Constructed from galvanised steel providing excellent flexibility.

- Material: Galvanised steel
- Temperature Range: -50°C- +300°
- Standard: EN61386
- Crush Resistance: 600N
- Available Colour: Galvanised steel

Code	Ref No	Dimensions		Colour
		Diameter Ø [mm]	Length [m]	
0055-6939	GSFB16/10	16	10	Steel Grey
0055-6942	GSFB16/30	16	30	Steel Grey
0055-6945	GSFB20/10	20	10	Steel Grey
0055-6948	GSFB20/30	20	30	Steel Grey
2805-7330	GSFB20/50	20	50	Steel Grey
0055-6951	GSFB25/10	25	10	Steel Grey
0055 -6954	GSFB25/30	25	30	Steel Grey
2805-7333	GSFB25/50	25	50	Steel Grey
0055-6957	GSFB32/10	32	10	Steel Grey
0108-0967	GSFB32/20	32	20	Steel Grey

GSFB32/10

Galvanised Flexible Conduits - Contractor Pack c/w 10 Glands

Code	MCG Ref No	Dimensions		Colour
		Diameter Ø [mm]	Length [m]	
2793-5434	GSFB20/10MCP	20	10	Steel Grey
2793-5437	GSFB25/10MCP	25	10	Steel Grey

GSFB20/10MCP

GALVANISED STEEL FLEXIBLE CONDUIT

Liquid Tight Conduit Gland

Design to use with MCG PVC Galvanised Liquid tight Conduits.

- Material: Brass Nickel Plated
- Temperature Range: -40°C- + 105°
- Standard: EN61386
- IP68 rated
- Available Colour: Nickel Platted

Code	Ref No	Diameter Ø [mm]	Gland Type	Pack Qty
2793-5440	GSFLT20	20	Fixed	1

GSFLT20

Standard Fixed and Swivel Glands

Design to use with MCG PVC Galvanised and Standard Galvanised Conduits.

- Material: Brass (Pure) Nickel Plated
- Temperature Range: -40°C- + 105°
- Standard: EN61386
- IP54 rated
- Available Colour: Nickel Platted

Code	Ref No	To Fit [mm]	Thread Size	Description	Pack Qty
Standard - SMR					
0013-5892	GSM16	16	M16	Standard Gland	x10
0013-5895	GSM20	20	M20	Standard Gland	x10
0013-5898	GSM25	25	M25	Standard Gland	x10
0013-5901	GSM32	32	M32	Standard Gland	x10
Swivel - DMR					
0013-5880	GSS16	16	M16	Swivel Gland	x10
0013-5883	GSS20	20	M20	Swivel Gland	x10
0013-5886	GSS25	25	M25	Swivel Gland	x10
0013-5889	GSS32	32	M32	Swivel Gland	x10

GSM16

GSS25

GSF Conduit fitted with GSM Glands

P Clips

Design to use with MCG PVC Galvanised Liquid tight Conduits

- Material: Brass Nickel Plated
- Temperature Range: -40°C- + 105°
- Standard: EN61386
- IP68 rated
- Available Colour: Nickel Platted

Code	Ref No	Diameter Ø [mm]	Colour	Pack Qty
2793-5449	PCLIP20	20	Black/ Galvanised	10
2793-5452	PCLIP25	25	Black/ Galvanised	10
2793-5455	PCLIP32	32	Black/ Galvanised	10

PCLIP20

DUCTING

Underground Twin Wall Ducting 50m

- 63mm outside diameter, 50mm inside diameter
- Smooth inside, corrugated outside
- Crush resistance: 450N
- High chemical and water resistance
- Resistance to Bending: Pliable
- Printed - electric cable duct
- Coils supplied with pre-installed draw string and coupling
- Complies with BS EN 61386-24

Code	Ref No	Diameter Ø [mm]	Description
2821-4728	TWU5063BL	63	HDPE high density polyethylene protective underground twin wall ducting

CABLE TRUNKING - OPEN SLOT TYPE

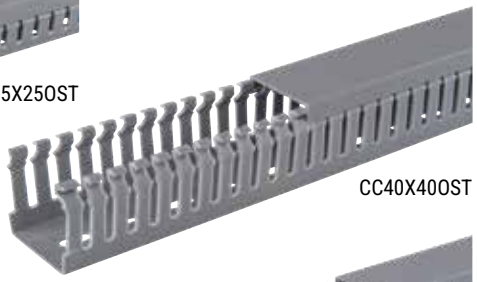
OPEN SLOT TYPE

Ideal for cable management in panels and can be used in a variety of different applications.

Features:

- Rigid PVC
- Supplied in 2 metre lengths
- Complete with clip-on lid for fast installations
- Colour: Grey
- Conforms to UL 94 V0
- Mounting holes

CC25X25OST



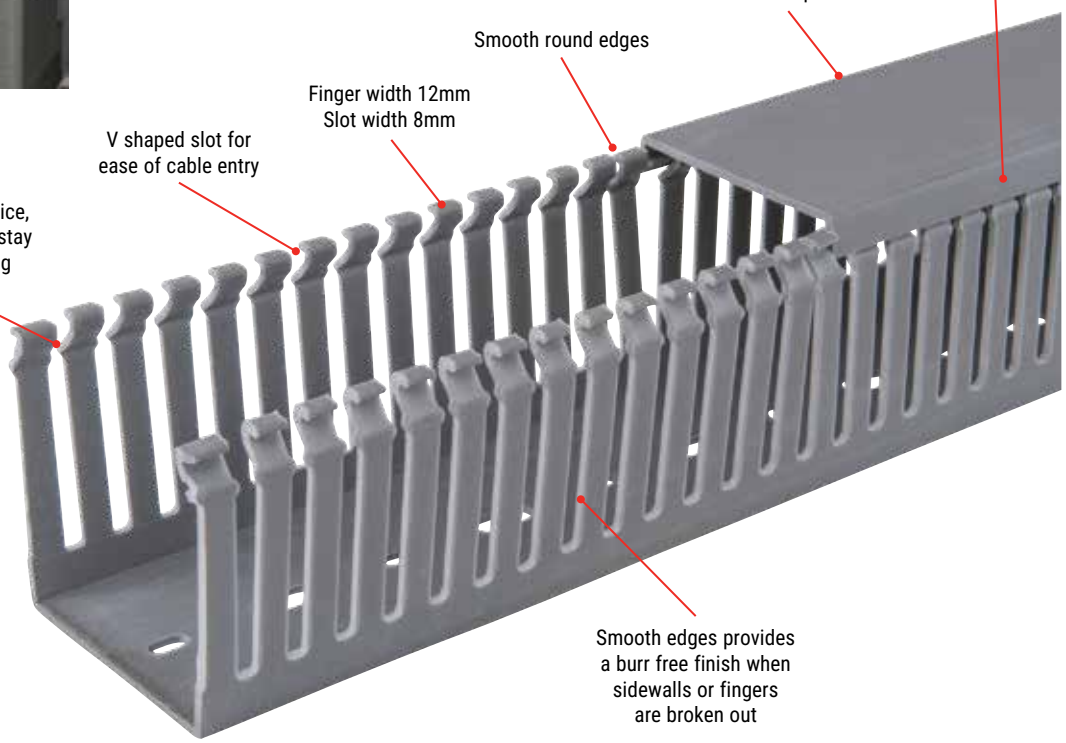
CC40X40OST

CC60X40OST

Code	Ref No.	Dimensions [mm] Height	Width
2073-9067	CC25X25OST	25	25
2137-3921	CC40X25OST	40	25
2073-9097	CC40X40OST	40	40
2073-9103	CC60X25OST	60	25
2073-9112	CC60X40OST	60	40
2073-9115	CC60X60OST	60	60

Code	Ref No.	Dimensions [mm] Height	Width
2073-9238	CC80X25OST	80	25
2073-9241	CC80X40OST	80	40
2073-9244	CC80X60OST	80	60
2073-9247	CC80X80OST	80	80
2073-9262	CC80X100OST	80	100
2073-9259	CC100X40OST	100	40

Cable Trunking in-situ, as featured in an EasySpeedy Unit



BRAIDED SLEEVING

Sleeving with an expansion ratio from 1 to 2 for general use.

Features:

- Manufactured from Polyester Terephtalate
- Conforms to V2 UL94, DIN 5510 S4/SR2/ST2, NF F16-101/ F16-102 I2F2
- Self extinguishing [V2 UL94]
- Operating temperatures -50°C to +130°C
- Melting point 260°C
- Halogen free

Code	Ref No	Colour	Dimensions [mm]	
			Length	Expansion
0189-5839	PET30/25BK	Black	25	28 - 47

SPIRAL BINDING

Used for protecting and organising cables.

Features:

- Manufactured from Polyethylene
- Operating temperatures -50°C to +85°C
- 12N/mm² tensile strength
- 550% ultimate elongation
- Dielectric strength less than >25kV/mm
- Halogen free

PE6-25NL

Code	Ref No	Colour	Dimensions		
			Length [m]	Diameter [mm]	Expansion [mm]
0189-5812	PE6/25NL	Natural	25	6	5 - 20
0203-3731	PE12/25NL	Natural	25	12	10 - 40
0203-3734	PE17/25NL	Natural	25	17	20 - 60
0203-3737	PE22/25NL	Natural	25	22	25 - 100

GROMMET STRIPS

Natural colour.

Plain or Crenulated ...what's the difference?

Plain is used for covering the sharp edges left when a square or rectangle has been cut from a metal or plastic plate.

Crenulated is used in the same way as plain, but for circular or oval holes and awkward shaped apertures.

Code	Ref No	Type	Length [m]	Plate Thickness [mm]
0189-5773	DX1P/35NL	Plain	35	0.8 - 1
0189-5767	DX1.5P/30NL	Plain	30	1.1 - 1.5
0203-3728	DX2P/25NL	Plain	25	1.6 - 2
0189-5785	DX3P/20NL	Plain	20	2.1 - 3
0189-5791	DX4P/15NL	Plain	15	3.1 - 4
0189-5770	DX1C/35NL	Crenulated	35	0.8 - 1
0189-5764	DX1.5C/30NL	Crenulated	30	1.1 - 1.5
0203-3725	DX2C/25NL	Crenulated	25	1.6 - 2
0189-5782	DX3C/20NL	Crenulated	20	2.1 - 3
0189-5788	DX4C/15NL	Crenulated	15	3.1 - 4

DX3P/20NL

Plain

DX3C/20NL

Crenulated

COLOURED MARKER STRIPS

For cable sizes 2.2mm to 5mm.

All of the above supplied boxed in strips of 500 numbers.

Code	Ref No	Printed No.	Colours
0189-5851	PTV45-0	0	White on Black
0189-5854	PTV45-1	1	Black on Brown
0189-5857	PTV45-2	2	Black on Red
0189-5860	PTV45-3	3	Black on Orange
0189-5863	PTV45-4	4	Black on Yellow
0189-5866	PTV45-5	5	Black on Green
0189-5869	PTV45-6	6	Black on Blue
0189-5872	PTV45-7	7	Black on Violet
0189-5875	PTV45-8	8	Black on Grey
0189-5878	PTV45-9	9	Black on White

Engineers Coloured Marker Box

Code	Ref No	Description
0189-5881	**PTV45/0-9**	Engineers Marker Box comprising 500 numbers on each coloured marker strip - 10 strips in total. Colours: Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Grey and White. Numbers 0 - 9 for cable sizes 2.2 - 5mm.

COMPRESSION GLANDS & LOCKNUTS

Plastic Gland, c/w Nylon Washer

- Material: Plastic c/w Nylon Washer - Low Smoke & Fume
- Hermetic seal: Nitrile Rubber
- Complies with EN 60947-1:2004
- Ambient temperature quiescent state -40°C to 100°C, short time to 120°C
- Dynamic -20°C to 80°C, short time to 100°C
- Available in Grey, Black, White and Red
- Designed for use with Round Cable only
- IP68 rated [5 Bar]

M32G

M32GB

M32GW

M32GR

Metric Gland, c/w Locknut

Code	Ref No.	Thread	Gland Colour	Clamping Range [mm]	Pack Qty
0013-6675	M12G	M12 x 1.5	Grey	2.5 - 6.5	10
0013-6681	M16G	M16 x 1.5	Grey	4 - 8	10
0013-6687	M20G	M20 x 1.5	Grey	6 - 12	10
0013-6699	M25G	M25 x 1.5	Grey	13 - 18	10
0013-6705	M32G	M32 x 1.5	Grey	16 - 21	10
0070-2589	M40G	M40 x 1.5	Grey	22 - 32	10
0260-9725	M50G	M50 x 1.5	Grey	32 - 38	10
0260-9731	M63G	M63 x 1.5	Grey	37 - 44	10
0070-2517	M16GB	M16 x 1.5	Black	4 - 8	10
0070-2535	M20GB	M20 x 1.5	Black	6 - 12	10
0070-2553	M25GB	M25 x 1.5	Black	13 - 18	10
0070-2571	M32GB	M32 x 1.5	Black	16 - 21	10
0070-2523	M16GW	M16 x 1.5	White	4 - 8	10
0070-2541	M20GW	M20 x 1.5	White	6 - 12	10
0070-2559	M25GW	M25 x 1.5	White	13 - 18	10
0070-2577	M32GW	M32 x 1.5	White	16 - 21	10
0070-2538	M20GR	M20 x 1.5	Red	6 - 12	10
0070-2556	M25GR	M25 x 1.5	Red	13 - 18	10
0070-2574	M32GR	M32 x 1.5	Red	16 - 21	10

COMPRESSION GLANDS & LOCKNUTS

Plastic Gland, c/w Nylon Washer Long Thread

- Thread 15mm long
- Material: Plastic c/w Nylon Washer - Low Smoke & Fume
- Hermetic seal: Nitrile Rubber
- Complies with EN 60947-1:2004
- Ambient temperature quiescent state -40°C to 100°C, short time to 120°C
- Dynamic -20°C to 80°C, short time to 100°C
- Available in Grey, Black and White
- Designed for use with Round Cable only
- IP68 rated [5 Bar]

Metric Glands, c/w Locknut

Code	Ref No.	Thread	Gland Colour	Clamping Range [mm]	Pack Qty
2293-1050	M20GSL	M20 x 1.5	Grey	6 - 12	10
2293-1059	M20GWL	M20 x 1.5	Grey	10 - 14	10
2293-1068	M32GWL	M32 x 1.5	Grey	18 - 25	10
2293-1053	M20GSLB	M20 x 1.5	Black	6 - 12	10
2293-1062	M20GWLB	M20 x 1.5	Black	10 - 14	10
2293-1071	M32GWLB	M32 x 1.5	Black	18 - 25	10
2293-1056	M20GSLW	M20 x 1.5	White	6 - 12	10
2293-1065	M20GWLW	M20 x 1.5	White	10 - 14	10

Blanking Plugs, c/w Locknut

Code	Ref No.	External Thread	Gland Colour	Pack Qty
0075-0421	M12BP	M12	Grey	10
0075-0424	M16BP	M16	Grey	10
0075-0427	M20BP	M20	Grey	10
0075-0430	M25BP	M25	Grey	10
0075-0433	M32BP	M32	Grey	10
0075-0436	M40BP	M40	Grey	10
0075-0439	M50BP	M50	Grey	10
0075-0442	M63BP	M63	Grey	10
2562-6028	M16BP BLACK	M16	Black	10
2562-6031	M20BP BLACK	M20	Black	10
2562-6034	M25BP BLACK	M25	Black	10

M20GSLW

M20GWLB

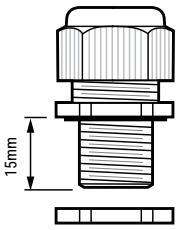
M32GWL

M32GWLB

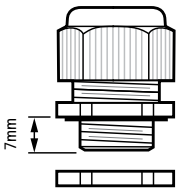
M12BP

M25BP

M63BP



Long Gland



Standard Gland

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