

# NEW METALFLEX



## Flexible Metal Conduit

Introducing Metallflex\* in plain galvanised steel, PVC or LFH covered.

These products can be used in static or dynamic applications and offer high compression and pull off strength characteristics. The PVC jacket does not restrict the excellent flexibility of the inner core and offers a high degree of weather proofing.

### PGSM plain galvanised steel conduit

Ideal for high temperature applications where continuous flexing is required. Typical applications include lighting and underfloor heating. Designed for both commercial and industrial users.

- Temperature Range: -50°C to +300°C
- Material: wound from a formed strip of electro-galvanised steel
- Colour: Self Coloured
- Ingress Protection: IP40

### PVCM pvc covered steel conduit

A unique vacuum extrusion process that creates a thin PVC covering providing a high degree of weather proofing without restricting the excellent flexibility characteristics of the inner core. Ideal for dynamic and static applications requiring high mechanical protection with high flexibility. Designed for both commercial and industrial users.

- Temperature Range: -20°C to +80°C
- Material: Plain galvanised steel with Polyvinyl chloride (PVC) covering
- Colour: Black as standard Grey upon request
- Ingress Protection: IP54
- Self-extinguishing according to UL94 V0

### LFHM low fire hazard covered galvanised steel conduit

A unique vacuum extrusion process allows LFHM to have a thin low fire hazard, polyolefin covering which does not restrict the excellent flexibility characteristics. Designed for use in places with poor ventilation or where public safety is of a concern, certified to BS EN 61386.

- Temperature Range: -10°C to +90°C
- Material: Plain galvanised steel core with low fire hazard, polyolefin covering
- Colour: Black
- Ingress Protection: IP54

For detailed information on our full range, please consult our Website [www.pma-uk.com](http://www.pma-uk.com) or contact us.



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## PGSM plain galvanised steel, metric (IP40)

order no	conduit size		dimensions in mm		packing unit
	metric	internal ø	external ø	PU/m	
PGSM-16B	16	13.0mm	16.0mm	10/25/50	
PGSM-20B	20	17.0mm	20.5mm	10/25/50	
PGSM-25B	25	21.0mm	25.0mm	10/25/50	
PGSM-32B	32	28.5mm	32.0mm	10/25/50	
PGSM-40B	40	37.5mm	41.5mm	10/30	
PGSM-50B	50	48.5mm	53.0mm	10/20	

## PVCM pvc covered galvanised steel, metric (IP54)

order no	conduit size		dimensions in mm		packing unit
	metric	internal ø	external ø	PU/m	
PVCM-16B	16	13.0mm	17.0mm	10/25/50	
PVCM-20B	20	17.0mm	21.5mm	10/25/50	
PVCM-25B	25	21.0mm	26.0mm	10/25/50	
PVCM-32B	32	28.5mm	34.0mm	10/25/50	
PVCM-40B	40	37.5mm	43.5mm	10/30	
PVCM-50B	50	48.5mm	56.0mm	10/20	

## LFHM low fire hazard covered galvanised steel, metric (IP54)

order no	conduit size		dimensions in mm		packing unit
	metric	internal ø	external ø	PU/m	
LFHM-16B	16	13.0mm	17.0mm	25/50	
LFHM-20B	20	17.0mm	21.5mm	25/50	
LFHM-25B	25	21.0mm	26.0mm	25/50	
LFHM-32B	32	28.5mm	34.0mm	25/50	

## MF straight connector, metric, fixed and swivel

order no		conduit size	thread size	packing unit
fixed	swivel	metric	metric	PU
MF-16	MF-16S	16	M16 x 1.5	10/100
MF-16/20	MF-16/20S	16	M20 x 1.5	10/100
MF-20	MF-20S	20	M20 x 1.5	10/100
MF-25	MF-25S	25	M25 x 1.5	10/100
MF-32	MF-32S	32	M32 x 1.5	2/20
MF-40	MF-40S	40	M40 x 1.5	2/20
MF-50	MF-50S	50	M50 x 1.5	2/20

## MF 90° elbow connector, metric, swivel

order no	conduit size	thread size	packing unit
	metric	metric	PU
MF-20/90S	20	M20 x 1.5	10/100
MF-25/90S	25	M25 x 1.5	10/100



Compliant

In addition to the national and international standards which consider mainly material properties and general product performance, PMA applies its own internally developed standards when assessing the system suitability of cable protection products. The PMA standards are based on 30 years experience and allow a better assessment of whether a product is practically appropriate for a specific application.

\*The specifications and instructions for our customers in this document reflect the product engineering level at the time of print. Please consider the valid data sheet release at a time. For questions please contact PMA customer service. Metallflex is traded but not manufactured by PMA. PMA accepts no liability for any claims arising from the use of all Metallflex conduit products. This disclaimer also includes damages to third parties. It is the customer's responsibility to check the delivered products and immediately notify PMA of detected faults. It is also the customer's responsibility to test the delivered product on its applicability for the intended purpose. PMA will accept no liability or responsibility for their products if a product or a PMA system is combined or used together with third-party products, i.e. products from other companies than PMA. Jurisdictions in all legal disputes concerning product liability have the courts of the canton of Zurich/Switzerland. Swiss law applies.

For more information and the newest data sheet release go to: [www.pma-uk.com](http://www.pma-uk.com)



PMA UK Limited · Unit 4 Imperial Court · Magellan Close  
Walworth Industrial Estate · Andover · Hants SP10 5NT  
Tel: 01264 333 527 · Fax: 01264 333 643 · [sales@pma-uk.com](mailto:sales@pma-uk.com) · [www.pma-uk.com](http://www.pma-uk.com)