



FPY, FPYS, FPYL, FPYLS system

corrugated flexible conduit properties

- Highly flexible and high fatigue life
- High impact strength and recovers if crushed
- Temperature range -40°C to +120°C
- Highly resistant to solvents and oils
- Self extinguishing (FPY and FPYS)
- Halogen, sulphur and phosphorus free

Conduit

FPY	FPYS	FPYL	FPYLS
<p>Construction: Nylon (PA6) corrugated flexible conduit. Colour black.</p> <p>Typical Applications: Automotive</p>	<p>Construction: Slit nylon (PA6) corrugated flexible conduit. Colour black.</p> <p>Typical Applications: Automotive looms, harnesses and retrofit.</p>	<p>Construction: Nylon (PA6) corrugated flexible conduit. Colour black.</p> <p>Typical Applications: Lightweight automotive.</p>	<p>Construction: Slit, light weight nylon (PA6) corrugated flexible conduit. Colour black.</p> <p>Typical Applications: Lightweight automotive looms, harnesses and retrofit.</p>

european (NW) sizes	nominal size (mm)	pitch	FPY				FPYS				FPYL				FPYLS							
			part number	reel length (m)	outside dia (mm)	inside dia (mm)	min. inside bend radius (mm)	part number	reel length (m)	outside dia (mm)	inside dia (mm)	min. inside bend radius (mm)	part number	reel length (m)	outside dia (mm)	inside dia (mm)	min. inside bend radius (mm)	part number	reel length (m)	outside dia (mm)	inside dia (mm)	min. inside bend radius (mm)
7	7	F	FPY6B	100	7.1	4.8	10	FPYS6B	50	10.0	6.5	15	FPYL6B*	100	10.0	6.5	15	FPYLS6B*	100	10.0	6.5	15
7	10	F	FPY8B	50	10.0	6.5	15	FPYS8B	50	10.0	6.5	15	FPYL8B*	100	10.0	6.5	15	FPYLS8B*	100	10.0	6.5	15
8	11	F	FPY10B	50	11.5	8.5	20	FPYS10B	50	11.5	8.5	20	FPYL10B*	100	11.5	8.5	20	FPYLS10B*	100	11.5	8.5	20
10	13	F	FPY12B	50	13.0	10.0	25	FPYS12B	50	13.0	10.0	25	FPYL12B*	100	13.0	10.1	25	FPYLS12B*	100	13.0	10.1	25
12	16	F	FPY16B	50	16.1	12.8	35	FPYS16B	50	16.1	12.8	35	FPYL16B*	100	16.1	13.0	35	FPYLS16B*	100	16.1	13.0	35
12	16	F																				
14	18	F	FPY18B	50	18.5	14.2	35	FPYS18B	50	18.5	14.2	35	FPYL18B*	100	18.5	14.4	35	FPYLS18B*	100	18.5	14.4	35
17	21	F	FPY20B	50	21.2	16.9	40	FPYS20B	50	21.2	16.9	40	FPYL20B*	100	21.2	17.1	40	FPYLS20B*	100	21.2	17.1	40
22	25.4	F	FPY25B	50	25.4	21.4	45	FPYS25B	50	25.4	21.4	45	FPYL25B*	100	25.4	21.6	45	FPYLS25B*	100	25.4	21.6	45
23	28	F	FPY28B	50	28.5	23.0	45	FPYS28B	50	28.5	23.0	45	FPYL28B*	50	28.5	23.2	45	FPYLS28B*	50	28.5	23.2	45
29	34	C	FPY32B	25	34.5	28.3	55	FPYS32B	25	34.5	28.3	55	FPYL32B*	50	34.5	28.5	55	FPYLS32B*	50	34.5	28.5	55
36	42	C	FPY40B	25	42.5	35.7	65	FPYS40B	25	42.5	35.7	65	FPYL40B*	50	42.5	35.9	65	FPYLS40B*	50	42.5	35.9	65
48	54	C	FPY50B	25	54.5	47.4	80	FPYS50B	25	54.5	47.4	80	FPYL50B*	50	54.5	47.6	80	FPYLS50B*	50	54.5	47.6	80

F = fine pitch C = coarse pitch

Ordering Notes

- Metric threads supplied complete with locknuts
 - Available on request:
 - reduced outlet T pieces
 - other colours
 - PG threads
- * FPYL & FPYLS are made to order on request and maybe subject to MOQ and lead times.



MP, MP90 & T system

IP40

IP67

Construction: Nylon compression fittings. Colour - black.

MP fitting with nylon retaining clip provides a pull off strength of 20kg with FPY20 and 15kg with FPYL20 and IP40.

MPS fitting with a neoprene sealing ring provides a pull off strength of 15kg with FPY20 and 10kg with FPYL20 and IP67.



Fittings

MP	MPS	MP90	MPS90	T	TS
straight external thread Straight nylon compression fitting external thread including locknut.	straight external thread Straight nylon compression fitting, with seal, external thread including locknut.	90° elbow external thread 90° elbow nylon compression fitting external thread including locknut.	90° elbow external thread 90° elbow nylon compression fitting, with seal, external thread including locknut.	T Piece fitting T piece nylon compression fitting.	T Piece fitting with seals T piece nylon compression fitting, with seals.
IP40	IP67	IP40	IP67	IP40	IP67



MP shown



MP shown



IP40
T shown

Ext Metric

Ext Metric

Ext Metric

Ext Metric

T Piece

T Piece

European (NW) sizes
nominal size (mm)
OD mm

						7	10	10.0
						8	11	11.5
MP-12-M16	MPS-12-M16			T12X12X12	TS12X12X12	10	13	13.0
MP-16-M16	MPS-16-M16	MP90-16-M16	MPS90-16-M16	T16X16X16	TS16X16X16	12	16	15.8
MP-16-M20	MPS-16-M20	MP90-16-M20	MPS90-16-M20			12	16	
						14	18	18.5
MP-20-M20	MPS-20-M20	MP90-20-M20	MPS90-20-M20	T20X20X20	TS20X20X20	17	21	21.2
MP-25-M25	MPS-25-M25	MP90-25-M25	MPS90-25-M25	T25X25X25	TS25X25X25	22	25	25.4
MP-28-M25	MPS-28-M25	MP90-28-M25	MPS90-28-M25			23	28	28.5
MP-32-M32	MPS-32-M32	MP90-32-M32	MPS90-32-M32			29	34	34.5
MP-40-M40		MP90-40-M40				36	42	42.5
MP-50-M50						48	54	54.5

Standards



BS EN IEC 61386

