



CPS CONDUIT*

Polyamide Corrugated Halogen Free

ECO IMPACT:

Suitable for use in Green Star projects

PAH & POH Series

MATERIAL: Polyamide 6

CONSTRUCTION: Corrugated exterior and interior

FLEXIBILITY: PAH- Very flexible
POH- Flexible

TEMPERATURE RATING
& COLOUR:

BLACK	PAH Series	-40°C – +105°C (150° short term)
BLACK	POH Series	-40°C – +105°C (150° short term)

PROTECTION INDEX: IP68 EN60529
UV RESISTANCE: Superior
FLAME RETARDED: UL 94 VO Self extinguishing

STANDARDS: AS 2053 Parts 1 & 5
UL Recognised component
CE
◁VDE▷

Directive 2002/95/EC Rohs:

TRADE SIZE (mm)	PAH STANDARD	INTERNAL DIAMETER (mm)	EXTERNAL DIAMETER (mm)	POH HEAVY DUTY	INTERNAL DIAMETER (mm)	EXTERNAL DIAMETER (mm)	COIL LENGTH (m)
10	PAH-07B	6.4	10	POH-07B	6	10.0	10, 25, 50
14	PAH-10B	9.6	13	POH-10B	9	13	10, 25, 50
16	PAH-12B	11.8	15.8	POH-12B	11.5	15.8	10, 25, 50
20	PAH-16B	15.9	21.2	POH-16B	15.5	21.2	10, 25, 50
25	PAH-22B	21.7	28.5	POH-22B	21.3	28.5	10, 25, 50
32	PAH-28B	27.8	34.5	POH-28B	26.8	34.5	10, 25, 50
40	PAH-36B	36	42.5	POH-36B	35.2	42.5	5, 10, 30
50	PAH-48B	46.5	54.5	POH-48B	46	54.5	5, 10, 30
63	PAH-56B	56.3	67.2				5, 10, 30
80	PAH-70B	70	82.5				5, 10
100	PAH-95B	91.5	106				5, 10

PAR & Split CPSS Series

MATERIAL: PAR- Polyamide 12
CPSS- Polyamide 6

CONSTRUCTION: Corrugated exterior and interior

FLEXIBILITY: PAR- Highly flexible
CPSS- Very flexible

TEMPERATURE RATING
& COLOUR:

BLACK	PAR Series	-50°C – +95°C (150° short term)
BLACK	CPSS Series	-40°C – +105°C (150° short term)

PROTECTION INDEX: PAR- IP68
UV RESISTANCE: Superior
FLAME RETARDED: PAR- UL 94 V2
CPSS- UL 94 HB

STANDARDS: AS 2053 Parts 1 & 5
UL Recognised component. File E191879
CE
◁VDE▷

Directive 2002/95/EC Rohs:

TRADE SIZE (mm)	PAR ROBOTIC	INTERNAL DIAMETER (mm)	EXTERNAL DIAMETER (mm)	CPSS SPLIT	INTERNAL DIAMETER (mm)	EXTERNAL DIAMETER (mm)	COIL LENGTH (m)
10	PAR-07B	6.4	10	CPSS-07B	6.4	10	10, 25, 50
14	PAR-10B	9.6	13	CPSS-10B	9.6	13	10, 25, 50
16	PAR-12B	11.8	15.8	CPSS-12B	11.8	15.8	10, 25, 50
20	PAR-16B	15.9	21.2	CPSS-16B	15.9	21.2	10, 25, 50
25	PAR-22B	21.7	28.5	CPSS-22B	21.7	28.5	10, 25, 50
32	PAR-28B	27.8	34.5	CPSS-28B	27.8	34.5	10, 25, 50
40	PAR-36B	36	42.5	CPSS-36B	36	42.5	5, 10, 30
50	PAR-48B	46.5	54.5	CPSS-48B	46.5	54.5	5, 10, 30
63	PAR-56B	56.3	67.2	CPSS-56B	56.3	67.2	5, 10, 30
80	PAR-70B	70	82.5	CPSS-70B	70	82.5	5, 10

GENERAL CHEMICAL RESISTANCE

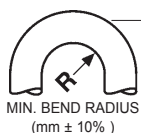
Acetone
Benzene
Carbon tetrachloride
Citric acid
Diesel oil
Diethylamine
Ethanol
Ether
Ethylamine
Ethylene Glycol
Freon 32
Lubricating oil
MEK
Paraffin oil
Petrol
Sea water
Skydrol
Sodium chloride
Sodium hydroxide 10%
Sodium hydroxide 60%
Transformer oil
Turpentine
Vegetable oil

GENERAL CHEMICAL RESISTANCE

Acetone
Benzene
Carbon tetrachloride
Citric acid
Diesel oil
Diethylamine
Ethanol
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Freon 32
Lubricating oil
MEK
Paraffin oil
Petrol
Sea water
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Sodium chloride
Sodium hydroxide 10%
Sodium hydroxide 60%
Transformer oil
Turpentine
Vegetable oil

SIZE

10 14 16 20 25 32 40 50 63 80 100



(PAH)
(POH)
(PAR)

R

15 20 30 40 45 55 60 70 110 160 210
20 25 35 45 50 60 70 80
15 20 30 40 45 55 60 70 110 160

(* see next page for fittings...)

CPS FITTINGS

FITTING CHARACTERISTICS

MATERIAL:	Polyamide 6
TEMPERATURE RATING:	-40°C – +105°C
PROTECTION INDEX:	IP67
UV RESISTANCE:	Superior
FLAME RETARDED:	UL 94 VO Self extinguishing
STANDARDS:	AS 2053 Parts 1 & 5 UL Recognised component CE

Directive 2002/95/EC Rohs:



Conduit connector
TNC series



90° Elbow connector
TWC series



Straight flange connector
TNOC series



Conduit end cap
FEC series



Convertible "T" and "Y"
TYC series



45° Elbow connector
TAC series



Connector push-fit
TNSC series



90° elbow flange connector
TWOC series



Connector for Cannon
TIC series



"V" fitting
TVC series

(mm)	TNC	TWC	TAC			TNSC		FEC	(mm)	NFH				TNOC	TWOC		TIC					TYC	TVC		
TRADE SIZE	STRAIGHT	90° ELBOW	45° ELBOW	THREAD	PACK QUANTITY MIN. QUANTITY	CONDUIT CONNECTOR	PACK QUANTITY MIN. QUANTITY	END CAP	MIN MAX	Cable Diameter	CONDUIT CLIP	HEIGHT (mm)	PACK QUANTITY MIN. QUANTITY	STRAIGHT FLANGE	90° ELBOW FLANGE	PACK QUANTITY MINIMUM QUANTITY	CONNECTOR (for CANNON)	SHELL SIZE	THREAD	PACK QUANTITY MINIMUM QUANTITY	CONVERTIBLE "T" – "Y" FITTING	"V" FITTING	CONDUIT SIZE	PACK QUANTITY	
10	TNC-M107B	TWC-M107B		12 x 1.5	25 10			FEC-07B	2 7		NFH-07B	20	10 5				TIC-U1010B	8S, 10S	½-28 UNEF	10 2	TYC-10-10-10B	TVC-10-10-10B	12 x 12 x 12	1	
	TNC-M127B			16 x 1.5	25 10												TIC-U1210B	10SL, 12, 12S	⅝-24 UNEF	10 2	TYC-12-10-10B	TVC-12-10-10B	16 x 12 x 12	1	
	TNC-M167B			20 x 1.5	25 10												TIC-U1410B	14, 14S	¾-20 UNEF	10 2	TYC-12-12-10B	TVC-12-12-10B	16 x 16 x 12	1	
14	TNC-M10B	TWC-M10B	TAC-M10B	12 x 1.5	25 10	TNSC-10B	10 2	FEC-10B	3 10		NFH-10B	24.2	10 5				TIC-U1212B	10SL, 12S	⅝-24 UNEF	10 2	TYC-12-12-12B	TVC-12-12-12B	16 x 16 x 16	1	
	TNC-M10/16B			16 x 1.5	25 10												TIC-U1412B	14, 14S	¾-20 UNEF	10 2	TYC-16-10-10B	TVC-10-10-10B	16 x 12 x 12	1	
16	TNC-M102B			12 x 1.5	25 10			FEC-12B	4.2 12		NFH-12B	25.7	10 5	TNOC-12B	TWOC-12B	10 2	TIC-U1812B	18	1-20 UNEF	10 2	TYC-16-12-10B	TVC-16-12-10B	20 x 16 x 12	1	
	TNC-M12B	TWC-M12B	TAC-M12B	16 x 1.5	25 10	TNSC-12B	10 2										TIC-U1616B	16, 16S	⅞-20 UNEF	10 2	TYC-16-12-12B	TVC-16-12-12B	20 x 16 x 16	1	
20	TNC-M16B	TWC-M16B	TAC-M16B	20 x 1.5	25 10	TNSC-16B	10 2	FEC-16B	6 16		NFH-16B	33	10 5	TNOC-16B	TWOC-16B	10 2	TIC-U1816B	18	1-20 UNEF	10 2	TYC-16-16-16B	TVC-16-16-16B	20 x 20 x 20	1	
	TNC-M126B			16 x 1.5	25 10												TIC-U2016B	20, 22	1⅜-18 UNEF	10 2	TYC-22-22-12B	TVC-22-22-22B	25 x 25 x 25	1	
	TNC-M226B			25 x 1.5	25 10												TIC-U2816B	24, 28	1⅞-18 UNEF	10 2	TYC-28-22-22B	TVC-28-22-22B	32 x 25 x 25	1	
25	TNC-M22B	TWC-M22B	TAC-M22B	25 x 1.5	25 10	TNSC-22B	10 2	FEC-22B	6 22		NFH-22B	42.2	10 5	TNOC-22B	TWOC-22B	10 2	TIC-U2222B	20, 22	1⅜-18 UNEF	10 2	TYC-28-28-22B	TVC-28-28-22B	32 x 32 x 25	1	
32	TNC-M28B	TWC-M28B	TAC-M28B	32 x 1.5	25 10	TNSC-28B	10 2	FEC-28B	6 28		NFH-28B	49.8	10 5	TNOC-28B	TWOC-28B	10 2	TIC-U2822B	24, 28	1⅞-18 UNEF	10 2	TYC-28-28-28B	TVC-28-28-28B	32 x 32 x 32	1	
40	TNC-M36B	TWC-M36B	TAC-M36B	40 x 1.5	25 10	TNSC-36B	10 2	FEC-36B	6 36		NFH-36B	59.5	10 5	TNOC-36B	TWOC-36B	10 2	TIC-U2828B	24, 28	1⅞-18 UNEF	10 2					
50	TNC-M48B	TWC-M48B	TAC-M48B	50 x 1.5	25 10	TNSC-48B	10 2	FEC-48B	6 48		NFH-48B	73.1	10 5	TNOC-48B	TWOC-48B	10 2	TIC-U3228B	32	1¾-18 UNEF	10 2					
63	TNC-G56B			G 2"	5 2						NFH-56B		2	TNOC-56B	TWOC-56B	10 2	TIC-U3622B	36	2-18 UNEF	10 2					
80	TNC-G70B			G 2½"	5 2						NFH-70B		2	TNOC-70B	TWOC-70B	10 2	TIC-U3628B	36	2-18 UNEF	10 2					
100	TNC-G95B			G 4"	5 2						NFH-95B		2	TNOC-95B	TWOC-95B	10 2	TIC-U3636B	36	2-18 UNEF	10 2					