

Non-metallic systems

TYPE PR, PADL & CP Non-metallic conduit



PRODUCT CHARACTERISTICS

Type

Description

Materials

Example

TYPE PR

STANDARD WEIGHT CONDUIT

Modified Polyamide (Nylon) 6
Colour Black (BL) only.



TYPE CP NEW

MEDIUM WEIGHT CONDUIT

Polyester
Colour Black (BL) only.



TYPE PADL NEW

STANDARD WEIGHT CONDUIT

Modified Polyamide (Nylon) 6
Colour Black (BL) only.



TYPE A - ADAPTALOK NEW

STRAIGHT FITTING - FIXED EXTERNAL THREAD
For insertion into threaded entries & knockouts.

Polyamide (Nylon) 66
Colour Black (BL) & Grey (GR).



NOMINAL CONDUIT SIZE (mm)	OUTSIDE DIAMETER (mm)	NW CONDUIT SIZE (mm)	CONDUIT PITCH F = FINE (= COARSE)
13	13.0	10.0	F
16	15.8	13.0	F
17	17.8	17.0	C
21	21.2	17.0	F
21	21.2	17.0	C
22	21.8	20.0	C
28	28.5	23.0	C
34	34.5	29.0	C
42	42.5	36.0	C
54	54.5	48.0	C
80	79.3	70.0	C
106	106.0	95.0	C

PART NUMBER	INSIDE DIAMETER (mm)	MINIMUM BEND RADIUS (mm)	REEL LENGTH (m)
PRFS13	9.4	25	50
PRFS16	11.7	35	50
PRFS21	16.6	45	50
PRCS21	14.7	45	50
-	-	-	-
PRCS28	21.7	50	50
PRCS34	27.7	60	50
PRCS42	35.1	65	25
PRCS54	46.6	75	25
PRCS80	67.3	180	10
PRCS106	106.0	240	10

PART NUMBER	INSIDE DIAMETER (mm)	MINIMUM BEND RADIUS (mm)	REEL LENGTH (m)
CPFM13	9.5	35	50
CPFM16	11.3	45	50
-	-	-	-
CPFM21	16.0	60	50
-	-	-	-
-	-	-	-
CPCM28	21.3	70	50
CPCM34	27.2	75	50
CPCM42	34.2	90	25
CPCM54	46.0	95	25
-	-	-	-
-	-	-	-

PART NUMBER	INSIDE DIAMETER (mm)	MINIMUM BEND RADIUS (mm)	REEL LENGTH (m) (Black)
-	-	-	-
-	-	-	-
PADL17	13.5	35	50
-	-	-	-
-	-	-	-
PADL22	16.6	45	50
PADL28	22.6	50	25, 50
PADL34	27.7	60	25, 50
PADL42	35.2	65	10, 25
-	-	-	-
-	-	-	-
-	-	-	-

NOMINAL CONDUIT SIZE (mm)	NPT THREAD	PART NUMBER
17	1/2	ALD17/050/A
22	1/2	ALD22/050/A
28	3/4	ALD28/075/A
34	1	ALD34/100/A
42	1 1/4	ALD42/125/A

For use only with PADL conduit, to maintain the UL 1696 approval

TYPE C90 - ADAPTALOK NEW

90° ELBOW FITTING - FIXED EXTERNAL THREAD
For insertion into knockouts using a locknut.

Polyamide (Nylon) 66
Colour Black (BL) & Grey (GR) .



NOMINAL CONDUIT SIZE (mm)	NPT THREAD	PART NUMBER
17	1/2	ALD17/050/C90
22	1/2	ALD22/050/C90
28	3/4	ALD28/075/C90
34	1	ALD34/100/C90
42	1 1/4	ALD42/125/C90

For use only with PADL conduit, to maintain the UL 1696 approval

Note.
Other fittings available. Contact our Sales Office for further details.

IP Rating with appropriate fitting

IP40

IP65

IP66

IP67

IP68

NEW IP69k

Temperature Range

UV Resistance

Flexibility & Fatigue Life

Fire Performance & EMI Screen

Approvals

System Applications

For use with following fittings;
Adaptalok, Adapting, Adaptaseal & Jumbo

Adapting & Jumbo Fittings

Jumbo Fittings + SK Seal

Adaptalok or Adaptaseal Fittings

Adaptalok + ALS Seal or Adaptaseal Fittings

Adaptalok + ALS Seal or Adaptaseal Fittings

Adaptalok Fittings + ALS Seal

Static Applications: -40 °C to +120 °C
Moving Applications: -5 °C to +120 °C

Very High

High Flexibility - High Fatigue Life



Railways
Underground
Public Buildings

For use with following fittings;
Adaptalok, & Adaptaseal

n/a

n/a

Adaptalok or Adaptaseal Fittings

Adaptalok Fittings + ALS Seal & Adaptaseal Fittings

Adaptalok Fittings + ALS Seal & Adaptaseal

Adaptalok Fittings + ALS Seal

Static Applications: -50 °C to +135 °C
Moving Applications: -25 °C to +150 °C

Very High

High Flexibility - High Fatigue Life

Self Extinguishing, Halogen Free
Low Smoke, Very Low Toxicity



NF

Railways
Underground
Public Buildings

For use with following fittings;
Adaptalok Type ALD

n/a

n/a

Type ALD

Type ALD + ALS Seal

Type ALD + ALS Seal

Type ALD + ALS Seal

Static Applications: -40 °C to +120 °C
Moving Applications: -18 °C to +120 °C

Very High

Medium Flexibility - Medium Fatigue Life

Self Extinguishing
Halogen Free



US

Machinery
Public Buildings