

## Non-metallic conduit systems

### Type PA

#### Type PA

Standard weight conduit / Materials: Polyamide (nylon) 6 / Colour: Black (BL), Grey (GR)

Part no.	Nominal conduit size (mm)	NW conduit size	Conduit pitch	Outside diameter (mm)	Inside diameter (mm)	Minimum bend radius (mm)	Reel length (m)	
							(BL)	(GR)
PAFS10*	10	7.5	Fine	10.0	6.5	15	50	50
PAFS13*	13	10	Fine	13.0	9.6	25	50	50
PAFS16	16	13	Fine	15.8	11.8	35	10/25/50	50
PAFS21	21	17	Fine	21.2	16.5	45	10/25/50	50
PAFS28	28	23	Fine	28.5	22.6	50	10/25/50	50
PACS28	28	23	Coarse	28.5	21.7	50	10/25/50	50
PAFS34	34	29	Fine	34.5	28.8	60	10/25/50	50
PACS34	34	29	Coarse	34.5	27.7	60	10/25/50	50
PACS42	42	36	Coarse	42.5	35.2	65	10/25	25
PACS54	54	48	Coarse	54.5	46.5	75	10/25	25
PACS80	80	70	Coarse	79.3	67.0	160	10	10
PACS106	106	95	Coarse	106.0	91.5	210	10	10

To order quote part number, colour & reel length, e.g. PAFS13/BL/50M

#### Approvals



#### IP rating

#### Appropriate fitting

For use with: Adaptalok / ATS / Adapting / Adaptaseal / Jumbo

IP40	Adapting & Jumbo
IP65	Jumbo + SK Seal
IP66	Adaptalok, ATS or Adaptaseal
IP67	Adaptalok + ALS Seal or ATS, Adaptaseal
IP68	Adaptalok + ALS Seal or ATS, Adaptaseal
IP69	Adaptalok + ALS Seal or ATS

#### Temperature range

Static applications: -40°C to +120°C

Moving applications: -5°C to +120°C

#### Flexibility & fatigue life

High flexibility – High fatigue life

#### Fire performance & EMI screen

Self extinguishing

Halogen free



Very high

#### Type PA

Heavyweight conduit / Materials: Polyamide (nylon) 6 / Colour: Black (BL), Grey (GR)

Part no.	Nominal conduit size (mm)	NW conduit size	Conduit pitch	Outside diameter (mm)	Inside diameter (mm)	Minimum bend radius (mm)	Reel length (m)	
							(BL)	(GR)
PAFH13*	13	10	Fine	13.0	9.0	35	50	50
PAFH16	16	13	Fine	15.8	11.3	45	50	50
PACH21	21	17	Coarse	21.2	14.5	60	50	50
PACH28	28	23	Coarse	28.5	21.3	70	50	50
PACH34	34	29	Coarse	34.5	26.8	75	50	50
PACH42	42	36	Coarse	42.5	34.6	90	25	25
PACH54	54	48	Coarse	54.5	46.0	95	25	25

To order quote part number, colour & reel length, e.g. PAFH13/BL/50M

\*These parts are not covered by the RU certification

#### Approvals



#### IP rating

#### Appropriate fitting

For use with: Adaptalok / ATS / Adapting / Adaptasteel

IP40	Adapting
IP65	N/A
IP66	Adatalk, ATS or Adaptasteel
IP67	Adaptalok + ALS Seal or ATS, Adaptasteel
IP68	Adaptalok + ALS Seal or ATS, Adaptasteel
IP69	N/A

#### Temperature range

Static applications: -40°C to +120°C

Moving applications: -5°C to +120°C

#### Flexibility & fatigue life

High flexibility – High fatigue life

#### Fire performance & EMI screen

Self extinguishing

Halogen free



Very high

## Non-metallic conduit systems

### Type PF

#### Type PF

Standard weight conduit / Materials: Modified polyamide 12 / Colour: Black (BL) Only

Part no.	Nominal conduit size (mm)	NW conduit size	Conduit pitch	Outside diameter (mm)	Inside diameter (mm)	Minimum bend radius (mm)	Reel length (m)
PFFS10*	10	7.5	Fine	10.0	6.2	20	50
PFFS13*	13	10	Fine	13.0	9.9	30	50
PFFS16	16	13	Fine	15.8	11.7	35	50
PFFS21	21	17	Fine	21.2	16.6	40	50
PFCS28	28	23	Coarse	28.5	21.7	50	50
PFCS34	34	29	Coarse	34.5	27.7	60	25
PFCS42	42	36	Coarse	42.5	35.5	65	25
PFCS54	54	48	Coarse	54.5	46.6	75	25



To order quote part number, colour & reel length, e.g. PFFS13/BL/50M  
\*These parts are not covered by the RU certification

#### Approvals



EN45545-2 HL2 - R22 & R23

#### IP rating

#### Appropriate fitting

For use with: Adaptalok / ATS /  
Adaptaring / ALS

IP40	Adaptaring
IP65	N/A
IP66	ATS, Adaptalok
IP67	ATS, Adaptalok + ALS Seal
IP68	ATS, Adaptalok + ALS Seal
IP69	ATS, Adaptalok + ALS Seal

#### Temperature range

Static applications: -50°C to +110°C

Moving applications: -45°C to +120°C

#### Flexibility & fatigue life

Very high flexibility - Very high fatigue life

#### Fire performance & EMI screen

Self extinguishing

Halogen free



Very high

#### Type PF

Heavyweight conduit / Materials: Modified polyamide 12 / Colour: Black (BL) Only

Part no.	Nominal conduit size (mm)	NW conduit size	Conduit pitch	Outside diameter (mm)	Inside diameter (mm)	Minimum bend radius (mm)	Reel length (m)
PFFH13*	13	10	Fine	13.0	9.7	40	50
PFFH16	16	13	Fine	15.8	11.5	45	50
PFCH21	21	17	Coarse	21.2	15.3	50	50
PFCH28	28	23	Coarse	28.5	21.5	60	50
PFCH34	34	29	Coarse	34.5	27.5	70	25
PFCH42	42	36	Coarse	42.5	35.5	75	25
PFCH54	54	48	Coarse	54.5	46.4	85	25



To order quote part number, colour & reel length, e.g. PFCH13/BL/50M  
\*These parts are not covered by the RU certification

#### Approvals



EN45545-2 HL2 - R22 & R23

#### IP rating

#### Appropriate fitting

For use with: Adaptalok / ATS /  
Adaptaring / ALS

IP40	Adaptaring
IP65	N/A
IP66	ATS, Adaptalok
IP67	ATS, Adaptalok + ALS Seal
IP68	ATS, Adaptalok + ALS Seal
IP69	ATS, Adaptalok + ALS Seal

#### Temperature range

Static applications: -50°C to +110°C

Moving applications: -45°C to +120°C

#### Flexibility & fatigue life

High flexibility - High fatigue life

#### Fire performance & EMI screen

Self extinguishing

Halogen free



Very high

## Non-metallic conduit systems

### Type PR & CP

#### Type PR

Standard weight conduit / Materials: Modified polyamide (nylon) 6 / Colour: Black (BL) Only

Part no.	Nominal conduit size (mm)	NW conduit size (mm)	Conduit pitch	Outside diameter (mm)	Inside diameter (mm)	Minimum bend radius (mm)	Reel length (m)
PRFS13	10	7.5	Fine	10.0	6.2	20	50
PRFS16	13	10	Fine	13.0	9.9	30	50
PRFS21	16	13	Fine	15.8	11.7	35	50
PRCS21	21	17	Fine	21.2	16.6	40	50
PRCS28	28	23	Coarse	28.5	21.7	50	50
PRCS34	34	29	Coarse	34.5	27.7	60	25
PRCS42	42	36	Coarse	42.5	35.5	65	25
PRCS54	54	48	Coarse	54.5	46.6	75	25



To order quote part number, colour & reel length, e.g. PRFS13/BL/50M

#### Approvals



EN45545-2 HL3 - R22 & R23

#### IP rating

#### Appropriate fitting

For use with: Adaptalok / ATS /  
Adaptaring / Adaptaseal

IP40	Adaptaring
IP65	N/A
IP66	Adaptalok or Adaptaseal
IP67	Adaptalok + ALS Seal or Adaptaseal
IP68	Adaptalok + ALS Seal or Adaptaseal
IP69	Adaptalok + ALS Seal

#### Temperature range

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

#### Flexibility & fatigue life

High flexibility - Medium fatigue life

#### Fire performance & EMI screen

Self extinguishing  
Halogen free



#### Type CP

Medium weight conduit / Materials: Polyester / Colour: Black (BL) Only

Part no.	Nominal conduit size (mm)	NW conduit size (mm)	Conduit pitch	Outside diameter (mm)	Inside diameter (mm)	Minimum bend radius (mm)	Reel length (m)
CPFM13	13	10	Fine	13.0	9.5	25	50
CPFM16	16	13	Fine	15.8	11.3	30	50
CPFM21	21	17	Fine	21.2	16.0	35	50
CPCM28	28	23	Coarse	28.5	21.3	45	50
CPCM34	34	29	Coarse	34.5	27.2	55	50
CPCM42	42	36	Coarse	42.5	34.2	60	25
CPCM54	54	48	Coarse	54.5	46.0	70	25



To order quote part number, colour & reel length, e.g. CPFM13/BL/50M

#### Approvals



#### IP rating

#### Appropriate fitting

For use with: Adaptalok / Adaptaseal

IP40	N/A
IP65	N/A
IP66	Adaptalok or Adaptaseal
IP67	Adaptalok + ALS Seal & Adaptaseal
IP68	Adaptalok + ALS Seal & Adaptaseal
IP69	Adaptalok + ALS Seal

#### Temperature range

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

#### Flexibility & fatigue life

Very high flexibility – Very high fatigue life

#### Fire performance & EMI screen

Self extinguishing  
Halogen free



## Non-metallic conduit systems

### Type PADL





#### Type PADL

Standard weight conduit / Materials: Modified polyamide (nylon) 6 / Colour: Black (BL) Only

Part no.	Nominal conduit size (mm)	NW conduit size (mm)	Conduit pitch	Outside diameter (mm)	Inside diameter (mm)	Minimum bend radius (mm)	Reel length (ft)
PADL16	16	13	Coarse	15.8	11.3	45	100
PADL21	21	17	Coarse	21.2	14.5	60	100
PADL28	28	23	Coarse	28.5	22.6	70	100
PADL34	34	29	Coarse	34.5	27.7	75	100
PADL42	42	36	Coarse	42.5	35.2	80	100
PADL54	54	48	Coarse	54.5	46.0	95	100



To order quote part number, colour & reel length, e.g. PADL16/BL/100

Approvals	IP rating	Appropriate fitting	Temperature range	UV resistance
   	For use with: Adaptalok / ATS		Static applications: -40°C to +120°C	Very high
	IP40	N/A	Moving applications: -18°C to +120°C	
	IP65	N/A	<b>Flexibility &amp; fatigue life</b>	
	IP66	AL or ATS	Medium flexibility – Medium fatigue life	
	IP67	AL + ALS Seal or ATS	<b>Fire performance &amp; EMI screen</b>	
	IP68	AL + ALS Seal or ATS	Self extinguishing	
	IP69	AL + ALS Seal or ATS	Halogen free	

