

Quick selection guide

[illegible][illegible]

IP40	■	-	■	■	-	-	■	■	■	■
IP65	-	-	-	-	-	-	-	-	-	-
IP66	■	-	■	■	■	■	■	■	■	■
IP67	■	-	■	■	■	■	■	■	■	■
P68	■	-	■	■	■	■	■	■	■	■
P69	-	-	■	-	■	■	■	-	■	■

Temperature range

Moving applications (°C)	-5 to +120	-5 to +120	-5 to +120	-5 to +120	-45 to +120	-45 to +120	-45 to +120	-45 to +120	-5 to +120	-18 to +120
UV resistance	Very high	Very high	Very high	Very high	Very high	Very high	Very high	Very high	Very high	Very high
Flexibility	High	High	High	Medium	Very high	High	Very high	High	High	Medium
Fatigue life	High	High	High	Medium	Very high	High	Very high	Very high	Medium	Medium
Low fire hazard	-	-	Standard	Standard	Standard	Standard	-	-	Enhanced	Standard
Halogen free	■	■	■	■	■	■	■	■	■	■
Self extinguishing	■	■	■	■	■	■	■	■	■	■
EMI screen	-	-	-	-	-	-	-	-	-	-
High mechanical strength	-	-	-	-	-	-	-	-	-	-
High abrasion resistance	-	-	■	■	■	■	-	-	■	■

[illegible]



Type CP	Type KF	Type KF	Type KF	Type PP	Type XF	Type RF	Type PK	Type PKTC	Type PKSS	Type PRTC	Type PRSS
CPFM	KFL	KFS	KFM	PPFM	XF	RF	PKFS	PKFSTC	PKFSSS	PRFSTC	PRFSSS
CPCM							PKCS	PKCSTC	PKCSSS	PRCSTC	PRCSSS
Medium weight	Light weight	Standard weight	Medium weight	Medium weight	Standard weight	Standard weight	Standard weight	Standard weight	Standard weight	Standard weight	Standard weight
CPe	PVCu	PVCu	PVCu	PP	PVC	PVC	PK	PK	PK	PA6	PA6
-	-	-	-	-	Plasticised PVC	Plasticised PVC	-	Tinned copper	Stainless steel	Tinned copper	Stainless steel

■	-	-	■	■	■	■	■	-	-	-	-
-	■	-	-	-	-	■	-	-	-	-	-
-	-	■	-	-	-	-	-	-	-	-	-
■	■	■	■	■	-	-	-	-	-	-	-
■	■	■	■	-	■	-	-	-	-	-	-
■	-	-	-	■	-	-	■	■	■	■	■
■	-	-	-	■	-	■	■	■	■	■	■
■	-	-	-	■	-	-	-	-	-	-	-
■	-	-	-	-	-	-	-	-	-	-	-

-50 to +135	-5 to +60	-5 to +60	-5 to +60	-20 to +90	-5 to +60	-20 to +60	-60 to +260	-60 to +260	-60 to +260	-40 to +120	-40 to +120
-25 to +150	-5 to +60	-5 to +60	-5 to +60	-5 to +105	-5 to +60	-5 to +60	-45 to +260	-45 to +260	-45 to +260	-5 to +120	-5 to +120
Very high	High	High	High	Medium	High	High	Very high	Very high	Very high	Very high	Very high
Very high	Pliable	Pliable	Pliable	High	Very high	Medium	High	High	High	High	High
Very high	Low	Low	Low	Medium	Medium	Medium	High	High	High	Medium	Medium
Standard	-	-	-	-	-	-	Super	Super	Super	Enhanced	Enhanced
■	-	-	-	■	-	-	■	■	■	■	■
■	■	■	■	-	■	■	■	■	■	■	■
-	-	-	-	-	-	-	-	High	Standard	High	Standard
-	-	-	-	-	-	-	-	■	■	■	■
-	-	-	-	-	-	-	■	■	■	■	■

■	■	■	■	-	-	-	■	■	■	■	■
■	■	■	■	■	-	-	■	■	■	■	■
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	■	■	■	■	■
■	-	-	-	-	-	-	■	■	■	■	■
-	-	-	-	-	-	-	■	■	■	■	■
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

??

??

??

??

??

??

??

??

??

??

Non-metallic conduit systems

Introduction

Adaptaflex have more than 20 different types of non-metallic conduit systems all providing different technical properties for your cable management applications.

—
01 Caption facim
lam voluptu repudae
esendentiur accum
ipsandi ullendis con
peris aut arunt adiat

—
02 Caption facim
lam voluptu repudae
esendentiur accum
ipsandi ullendis con
peris aut arunt adiat

Our Conduit range is available in many different materials, ranging from lightweight to heavyweight with nominal conduit sizes from 10mm right up to the Jumbo size of 106mm.

For more demanding applications, there is a wide-ranging high specification series of conduit with enhanced low fire hazard properties, EMI screening and incorporating high fatigue life. Overbraided options are available for use in abrasive environments.

Standard product is manufactured in a wide range of materials. The corrugated construction provides good flexibility and low weight. Additionally, a range of fittings are specifically designed to maintain system integrity including the popular and easy to fit Adaptalok system. Fitting types are available in straight, 90°, 45°, with metric, PG, PF, & NPT threads.

Advantages:

- Non metallic conduits do not corrode (rust)
- Wider variety of fittings - much larger solutions choice
- Quicker to install (cut & assemble fittings)
- Lighter in weight
- Better fatigue life
- Return to shape



Many of our conduit systems have industry recognised approvals including British Kitemark, CE Approval, UL 1696, NF, LUL and DIN amongst others.



—
01



—
02



Non-metallic conduit systems

Type PA

Type PA

Lightweight 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)
	PAFL13	13	10	Fine	13.0	10.0	25	50
	PAFL16	16	13	Fine	15.8	11.9	35	50
	PAFL21	21	17	Fine	21.2	16.8	45	50
	PAFL28	28	23	Coarse	28.5	22.2	50	50
	PAFL34	34	29	Coarse	34.5	27.9	60	50
	PAFL42	42	36	Coarse	42.5	35.2	65	25
	PAFL54	54	48	Coarse	54.5	46.9	75	25

To order quote part number, colour & reel length, e.g. PAFL13/BL/50M

Approvals	IP rating	Appropriate fitting	Temperature range	UV resistance
  	For use with: Adaptalok / ATS / Adapting / Adaptasteel		Static applications: -40°C to +120°C	Very high
			Moving applications: -5°C to +120°C	
	IP40	Adapting	Flexibility & fatigue life	High flexibility – High fatigue life
	IP65	N/A		
	IP66	Adatalok, ATS or Adaptasteel	Fire performance & EMI screen	Self extinguishing Halogen free
	IP67	Adaptalok + ALS Seal or ATS, Adaptasteel		
	IP68	Adaptalok + ALS Seal or ATS, Adaptasteel		
	IP69	N/A		

Type PA-Slit

Lightweight slit conduit / Materials: Polyamide (nylon) 6 / 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)
	PAFL13-S	13	10	Fine	13.0	10.0	25	50
	PAFL16-S	16	13	Fine	15.8	11.9	35	50
	PAFL21-S	21	17	Fine	21.2	16.8	45	50
	PAFL28-S	28	23	Coarse	28.5	22.2	50	50
	PAFL34-S	34	29	Coarse	34.5	27.9	60	50
	PAFL42-S	42	36	Coarse	42.5	35.2	65	25
	PAFL54-S	54	48	Coarse	54.5	46.9	75	25

To order quote part number, colour & reel length, e.g. PAFL13-S/BL/50M

Approvals	IP rating	Appropriate fitting	Temperature range	UV resistance
  	For use with: Adaptalok / ATS / Adapting / Adaptasteel		Static applications: -40°C to +120°C	Very high
			Moving applications: -5°C to +120°C	
	IP40	N/A	Flexibility & fatigue life	High flexibility – High fatigue life
	IP65	N/A		
	IP66	N/A	Fire performance & EMI screen	Self extinguishing Halogen free
	IP67	N/A		
	IP68	N/A		
	IP69	N/A		

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

UV resistance

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	
	PAFH16	16	13	Fine	15.8	11.3	45	50	
	PACH21	21	17	Coarse	21.2	14.5	60	50	
	PACH28	28	23	Coarse	28.5	21.3	70	50	
	PACH34	34	29	Coarse	34.5	26.8	75	50	
	PACH42	42	36	Coarse	42.5	34.6	90	25	
	PACH54	54	48	Coarse	54.5	46.0	95	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 Adatolok, 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

UV resistance

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	IP rating	Appropriate fitting	Temperature range	UV resistance
   	For use with: Adaptalok / ATS / Adapting / ALS		Static applications: -50°C to +110°C	Very high
			Moving applications: -45°C to +120°C	
  	IP40	Adapting	Flexibility & fatigue life	
	IP65	N/A	Very high flexibility - Very high fatigue life	
EN45545-2 HL2 - R22 & R23	IP66	ATS, Adaptalok	Fire performance & EMI screen	
	IP67	ATS, Adaptalok + ALS Seal	Self extinguishing	
	IP68	ATS, Adaptalok + ALS Seal	Halogen free	
	IP69	ATS, Adaptalok + ALS Seal		





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	IP rating	Appropriate fitting	Temperature range	UV resistance
   	For use with: Adaptalok / ATS / Adapting / ALS		Static applications: -50°C to +110°C	Very high
			Moving applications: -45°C to +120°C	
  	IP40	Adapting	Flexibility & fatigue life	
	IP65	N/A	High flexibility – High fatigue life	
EN45545-2 HL2 - R22 & R23	IP66	ATS, Adaptalok	Fire performance & EMI screen	
	IP67	ATS, Adaptalok + ALS Seal	Self extinguishing	
	IP68	ATS, Adaptalok + ALS Seal	Halogen free	
	IP69	ATS, Adaptalok + ALS Seal		





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

UV resistance

Very high



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. CPM13/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

UV resistance

Very high





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
			Moving applications: -18°C to +120°C	
			Flexibility & fatigue life	
			Medium flexibility – Medium fatigue life	
			Fire performance & EMI screen	
			Self extinguishing	
			Halogen free	
	IP40	N/A		
	IP65	N/A		
	IP66	AL or ATS		
	IP67	AL + ALS Seal or ATS		
	IP68	AL + ALS Seal or ATS		
	IP69	AL + ALS Seal or ATS		

Non-metallic conduit systems

Type A - Adaptalok

Type A - Adaptalok

Straight fitting - Fixed external male thread / Materials: Polyamide (nylon) 66 / Colour: Black (BL), Grey (GR)



Part no.	Nominal conduit size (mm)	Metric thread
AL10/M12/A*	10	M16
-	-	-
AL13/M16/A*	13	M16
AL13/M20/A*	13	M20
-	-	-
AL16/M16/A	16	M16
AL16/M20/A	16	M20
-	-	-
-	-	-
AL21/M20/A	21	M20
-	-	-
AL21/M25/A	21	M25
AL28/M25/A	28	M25
AL28/M32/A	28	M32
AL34/M32/A	34	M32
AL34/M40/A	34	M40
AL42/M40/A	42	M40
AL42/M50/A	42	M50
AL54/M50/A	54	M50
AL54/M63/A	54	M63

Part no.	Nominal conduit size (mm)	PF thread
AL10/PF025/A*	10	1/4"
AL13/PF038/A*	13	3/8"
AL16/PF038/A	16	3/8"
AL16/PF050/A	16	1/2"
AL21/PF050/A	21	1/2"
AL28/PF075/A	28	3/4"
AL34/PF100/A	34	1"
AL42/PF125/A	42	1 1/4"
AL54/PF150/A	54	1 1/2"
AL54/PF200/A	54	2"

Part no.	Nominal conduit size (mm)	PG thread
AL10/PG7/A*	10	PG7
AL10/PG9/A*	10	PG9
AL13/PG9/A*	13	PG9
AL13/PG11/A*	13	PG11
AL13/PG13/A*	13	PG13,5
AL16/PG9/A	16	PG9
AL16/PG11/A	16	PG11
AL16/PG13/A	16	PG13,5
AL16/PG16/A	16	PG16
AL21/PG11/A	21	PG11
AL21/PG13/A	21	PG13,5
AL21/PG16/A	21	PG16
AL28/PG21/A	28	PG21
-	-	-
AL34/PG29/A	34	PG29
-	-	-
AL42/PG36/A	42	PG36
-	-	-
AL54/PG48/A	54	PG48
-	-	-

Part no.	Nominal conduit size (mm)	NPT thread (in)
-	-	-
AL13/038/A*	13	3/8"
AL16/038/A	16	3/8"
AL16/050/A	16	1/2"
AL21/050/A	21	1/2"
AL28/075/A	28	3/4"
AL34/100/A	34	1"
AL42/125/A	42	1 1/4"
AL54/150/A	54	1 1/2"
-	-	-

For insertion into knockouts using a locknut. Locknut supplied with METRIC THREAD ONLY

To order quote part number & body colour, e.g. AL10/M12/A/BL

*These parts are not covered by the RU certification

Approvals



NF

IP rating

Appropriate conduit

For use with: Type PA / CP / PR / PF

IP66	Yes
IP67	Yes + ALS Seal
IP68	Yes + ALS Seal
IP69	Yes + ALS Seal

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Fitting characteristics



Non-metallic conduit systems

Type C90 - Adaptalok

Type C90 - Adaptalok

90° elbow fitting - Fixed external male thread / Materials: Polyamide (nylon) 66 / Colour: Black (BL), Grey (GR)



Part no.	Nominal conduit size (mm)	Metric thread
AL10/M12/C90*	10	M12
AL13/M16/C90*	13	M16
AL16/M16/C90	16	M16
AL16/M20/C90	16	M20
-	-	-
AL21/M20/C90	21	M20
-	-	-
AL28/M25/C90	28	M25
AL34/M32/C90	34	M32
AL42/M40/C90	42	M40
AL54/M50/C90	54	M50
AL54/M63/C90	54	M63

Part no.	Nominal conduit size (mm)	PF thread (in)
AL13/PFO38/C90*	13	3/8
AL16/PFO38/C90	16	3/8
AL16/PFO50/C90	16	1/2
AL21/PFO50/C90	21	1/2
AL28/PFO75/C90	28	3/4
AL34/PF100/C90	34	1
AL42/PF125/C90	42	1 1/4
AL54/PF150/C90	54	1 1/2
AL54/PF200/C90	54	2

For insertion into knockouts using a locknut. Locknut supplied with METRIC THREAD ONLY

To order quote part number & body colour, e.g. AL16/M20/C90/BL

*These parts are not covered by the RU certification

Part no.	Nominal conduit size (mm)	PG thread
AL10/PG7/C90*	10	PG7
AL13/PG9/C90*	13	PG9
AL16/PG9/C90	16	PG9
AL16/PG11/C90	16	PG11
AL16/PG13/C90	16	PG13,5
AL21/PG13/C90	21	PG31,5
AL21/PG16/C90	21	PG16
AL28/PG21/C90	28	PG21
AL34/PG29/C90	34	PG29
AL42/PG36/C90	42	PG36
AL54/PG48/C90	54	PG48

Part no.	Nominal conduit size (mm)	NPT thread (in)
AL13/038/C90*	13	3/8
AL16/038/C90	16	3/8
AL16/050/C90	16	1/2
AL21/050/C90	21	1/2
AL28/075/C90	28	3/4
AL34/100/C90	34	1
AL42/125/C90	42	1 1/4
AL54/150/C90	54	1 1/2
AL54/200/C90	54	2

Approvals



NF

IP rating

Appropriate conduit

For use with: Type PA / CP / PR / PF

IP66	Yes
IP67	Yes + ALS Seal
IP68	Yes + ALS Seal
IP69	Yes + ALS Seal

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Non-metallic conduit systems

Type 45 & Push-in - Adaptalok

Type 45 - Adaptalok

45° Elbow fitting - Fixed external male thread / Materials: Polyamide (nylon) 66 / Colour: Black (BL), Grey (GR)



Part no.	Nominal conduit size (mm)	Metric thread	Part no.	Nominal conduit size (mm)	PG thread
AL13/M16/45*	13	M16	AL13/PG9/45*	13	PG9
AL16/M16/45	16	M16	AL16/PG11/45	16	PG11
AL16/M20/45	16	M20	AL16/PG13/45	16	PG13,5
AL21/M20/45	21	M20	AL21/PG13/45	21	PG13,5
-	-	-	AL21/PG16/45	21	PG16
AL28/M25/45	28	M25	AL28/PG21/45	28	PG21
AL34/M32/45	34	M32	AL34/PG29/45	34	PG29
AL42/M50/45	42	M40	AL42/PG36/45	42	PG36
AL54/M50/45	54	M50	AL54/PG48/45	54	PG48
AL54/M63/45	54	M63	-	-	-

For insertion into knockouts using a locknut. Locknut supplied with METRIC THREAD ONLY

To order quote part number & body colour, e.g. AL21/M20/45/BL

*These parts are not covered by the RU certification

Approvals



NF

IP rating

Appropriate conduit

For use with: Type PA / CP / PR / PF

IP66	Yes
IP67	Yes + ALS Seal
IP68	Yes + ALS Seal
IP69	Yes + ALS Seal

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Push-in - Adaptalok -

Straight fitting - Fixed external male thread / Materials: Polyamide (nylon) 66 / Colour: Black (BL), Grey (GR)



Part no.	Nominal conduit size (mm)
AL16/KM20/A	16
AL21/KM20/A	21

Inserts into a 20mm knockout, panel thickness up to 4mm, no locknut required

To order quote part number & body colour, e.g. AL21/KM20/A/BL

Approvals



IP rating

Appropriate conduit

For use with: Type PA / CP / PR / PF

IP40	Yes
IP66	N/A
IP67	N/A
IP68	N/A
IP69	N/A

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Non-metallic conduit systems

3-Way Coupler & Insert Seal - Adaptalok

3-Way Coupler - Adaptalok

3-Way PA66 fitting / Materials: Polyamide (nylon) 66 / Colour: Black (BL), Grey (GR)

	Part no.	Nominal conduit size combination (mm)
	AL131010/Y	13x10x10
	AL161313/Y	16x13x13
	AL211616/Y	21x16x16
	AL282121/Y	28x21x21
For coupling three corrugated flexible conduits To order quote part number & body colour, e.g. AL131010/Y/BL		

Approvals	IP rating	Appropriate conduit	Temperature range
	For use with: Type PA / CP / PR / PF / PK		Static applications: -50°C to +120°C
	IP66	Yes	Moving applications: -45°C to +120°C
	IP67	Yes + ALS Seal	
	IP68	Yes + ALS Seal	
	IP69	Yes + ALS Seal	

Insert Seal - Adaptalok

IP67/68/69 Insert seal / Materials: Thermoplastic elastomer / Colour: Yellow (Y) Only

	Part no.	Conduit pitch
	ALS13/F	Fine
	ALS16/F	Fine
	ALS21/F	Fine
	ALS28/C	Coarse
	ALS34/C	Coarse
	ALS42/C	Coarse
	ALS54/C	Coarse
Suitable for standard weight PA/PI/PR conduit (Black or Grey) To order quote part number, e.g. ALS13/F Note: Seal needs to be inserted into the appropriate conduit to upgrade fitting system		

Approvals	IP rating	Appropriate conduit	Temperature range
	For use with: Type PA / CP / PR / PF / PK		Static applications: -50°C to +120°C
	IP66	N/A	Moving applications: -45°C to +120°C
	IP67	Yes	
	IP68	Yes (1.1 bar 35mins)	
	IP69	Yes (DIN 40050)	

Non-metallic conduit systems

Type FL/A, FL/C90 & FL/90 - Adaptalok

Type FL/A - Adaptalok

Straight panel mounting swivel flange / Materials: Polyamide (nylon) 66 / Colour: Black (BL), Grey (GR)

	Part no.	Nominal conduit size (mm)
	AL16/FL/A	16
	AL21/FL/A	21
	AL28/FL/A	28
	AL54/FL/A	54

With integral face seal
To order quote part number & body colour, e.g. AL16/FL/A/BL

Approvals	IP rating	Appropriate conduit	Temperature range	
	For use with: Type PA / CP / PR / PF		Static applications: -50°C to +120°C	
	IP66	Yes	Moving applications: -45°C to +120°C	
	IP67	Yes + ALS Seal	Fitting characteristics	
	IP68	Yes + ALS Seal		
	IP69	Yes + ALS Seal		

Type FL/C90 - Adaptalok

90° Elbow body - Panel mount swivel flange / Materials: Polyamide (nylon) 66 / Colour: Black (BL), Grey (GR)

	Part no.	Nominal conduit size (mm)
	AL13/FL/C90	13
	AL16/FL/C90	16
	AL21/FL/C90	21
	AL28/FL/C90	28

For panel mounting via 2 hole fixing & integral face seal
To order quote part number & body colour, e.g. AL13/FL/C90/BL

Type FL/90 - Adaptalok

90° Elbow body - Panel mount flange / Materials: Polyamide (nylon) 66 / Colour: Black (BL), Grey (GR)

	Part no.	Nominal conduit size (mm)
	AL34/FL/90	34
	AL42/FL/90	42
	AL54/FL/90	54

For panel mounting via 4 hole fixing & integral face seal
To order quote part number & body colour, e.g. AL34/FL/C90/BL

Approvals	IP rating	Appropriate conduit	Temperature range	
	For use with: Type PA / CP / PR / PF		Static applications: -50°C to +120°C	
	IP66	Yes	Moving applications: -45°C to +120°C	
	IP67	Yes + ALS Seal	Fitting characteristics (FLC/90 ONLY)	
	IP68	Yes + ALS Seal		
	IP69	Yes + ALS Seal		

Non-metallic conduit systems

Type FL/45 & swivel coupler - Adaptalok

Type FL/45 - Adaptalok

45° Panel mounting swivel flange / Materials: Polyamide (nylon) 66 / Colour: Black (BL), Grey (GR)

	Part no.	Nominal conduit size (mm)
	AL16/FL/45	16
	AL21/FL/45	21
	AL28/FL/45	28
	AL54/FL/45	54
With integral face seal To order quote part number & body colour, e.g. AL16/FL/45/BL		

Approvals	IP rating	Appropriate conduit	Temperature range	
  NF	For use with: Type PA / CP / PR / PF		Static applications: -50°C to +120°C	
	IP66	Yes	Moving applications: -45°C to +120°C	
	IP67	Yes + ALS Seal	Fitting characteristics	
	IP68	Yes + ALS Seal		
	IP69	Yes + ALS Seal		

Swivel coupler - Adaptalok

Straight PA66 body swivel coupler / Materials: Polyamide (nylon) 66 + aluminium / Colour: Black (BL) Only

	Part no.	Nominal conduit size (mm)
	AL13/A/U/BL	13
	AL16/A/U/BL	16
	AL21/A/U/BL	21
	AL28/A/U/BL	28
	AL34/A/U/BL	34
	AL42/A/U/BL	42
	AL54/A/U/BL	54
For coupling two corrugated flexible conduits To order quote part number, e.g. AL13/A/U/BL		

Approvals	IP rating	Appropriate conduit	Temperature range	
  NF	For use with: Type PA / CP / PR / PF		Static applications: -50°C to +120°C	
	IP66	Yes	Moving applications: -45°C to +120°C	
	IP67	Yes + ALS Seal	Fitting characteristics	
	IP68	Yes + ALS Seal		
	IP69	Yes + ALS Seal		

Non-metallic conduit systems

Type SA & CS90 - Adaptalok

Type SA - Adaptalok

Straight fitting - Swivel external male thread / Materials: Polyamide (nylon) 66, Nickel Plated Brass Thread / Colour: Black (BL), Grey (GR)



Part no.	Nominal conduit size (mm)	Metric thread	Part no.	Nominal conduit size (mm)	PG thread
AL13/M16/SA*	13	M16	AL13/PG9/SA*	13	PG9
AL16/M16/SA	16	M16	AL16/PG11/SA	16	PG11
AL21/M20/SA	21	M20	AL21/PG13/SA	21	PG13,5
-	-	-	AL21/PG16/SA	21	PG16
AL28/M25/SA	28	M25	AL28/PG21/SA	28	PG21
AL34/M32/SA	34	M32	AL34/PG29/SA	34	PG29
AL42/M40/SA	42	M40	AL42/PG36/SA	42	PG36
AL54/M50/SA	54	M50	AL54/PG48/SA	54	PG48
AL54/M63/SA	54	M63	-	-	-

For insertion into threaded entries & knockouts using a locknut. Order locknut separately

To order quote part number & body colour, e.g. AL13/M16/SA/BL. NPT also available

*These parts are not covered by the RU certification

Approvals



IP rating Appropriate conduit

For use with: Type PA / CP / PR / PF

IP66	Yes
IP67	Yes + ALS Seal
IP68	Yes + ALS Seal
IP69	Yes + ALS Seal

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Fitting characteristics



Type CS90 - Adaptalok

90° Elbow fitting - Swivel external male thread / Materials: Polyamide (nylon) 66, nickel plated brass thread / Colour: Black (BL), Grey (GR)



Part no.	Nominal conduit size (mm)	Metric thread	Part no.	Nominal conduit size (mm)	PG thread
AL13/M16/CS90*	13	M16	AL13/PG9/CS90*	13	PG9
AL16/M16/CS90	16	M16	AL16/PG11/CS90	16	PG11
AL21/M20/CS90	21	M20	AL21/PG13/CS90	21	PG13,5
-	-	-	AL21/PG16/CS90	21	PG16
AL28/M25/CS90	28	M25	AL28/PG21/CS90	28	PG21
AL34/M32/CS90	34	M32	AL34/PG29/CS90	34	PG29
AL42/M40/CS90	42	M40	AL42/PG36/CS90	42	PG36
AL54/M50/CS90	54	M50	AL54/PG48/CS90	54	PG48
AL54/M63/CS90	54	M63	-	-	-

For insertion into threaded entries & knockouts using a locknut. Order locknut separately

To order quote part number & body colour, e.g. AL13/M16/CS90/BL. NPT also available

*These parts are not covered by the RU certification

Approvals



IP rating Appropriate conduit

For use with: Type PA / CP / PR / PF

IP66	Yes
IP67	Yes + ALS Seal
IP68	Yes + ALS Seal
IP69	Yes + ALS Seal

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Fitting characteristics



Non-metallic conduit systems

Type S45 & SFA - Adaptalok

Type S45 - Adaptalok

45° Elbow Body - Swivel external male thread / Materials: Polyamide (nylon) 66, Nickel plated brass thread / Colour: Black (BL), Grey (GR)

	Part no.	Nominal conduit size (mm)	Metric thread		Part no.	Nominal conduit size (mm)	PG thread
	AL13/M16/S45*	13	M16		AL13/PG9/S45*	13	PG9
	AL16/M16/S45	16	M16		AL16/PG11/S45	16	PG11
	AL21/M20/S45	21	M20		AL21/PG13/S45	21	PG13,5
	-	-	-		AL21/PG16/S45	21	PG16
	AL28/M25/S45	28	M25		AL28/PG21/S45	28	PG21
	AL34/M32/S45	34	M32		AL34/PG29/S45	34	PG29
	AL42/M40/S45	42	M40		AL42/PG36/S45	42	PG36
	AL54/M50/S45	54	M50		AL54/PG48/S45	54	PG48
	AL54/M63/S45	54	M63		-	-	-

For insertion into threaded entries & knockouts using a locknut. Order locknut separately

To order quote part number & body colour, e.g. AL13/M16/S45/BL. NPT also available

*These parts are not covered by the RU certification

Approvals



IP rating

Appropriate conduit

For use with: Type PA / CP / PR / PF

IP66	Yes
IP67	Yes + ALS Seal
IP68	Yes + ALS Seal
IP69	Yes + ALS Seal

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Fitting characteristics



Type SFA - Adaptalok

Straight body - Swivel internal female thread / Materials: Polyamide (nylon) 66, nickel plated brass thread / Colour: Black (BL), Grey (GR)

	Part no.	Nominal conduit size (mm)	Metric thread		Part no.	Nominal conduit size (mm)	PG thread
	AL13/M16/SFA	13	M16		AL13/PG9/SFA	13	PG9
	AL16/M16/SFA	16	M16		AL16/PG11/SFA	16	PG11
	AL21/M20/SFA	21	M20		AL21/PG13/SFA	21	PG13,5
	-	-	-		AL21/PG16/SFA	21	PG16
	AL28/M25/SFA	28	M25		AL28/PG21/SFA	28	PG21
	AL34/M32/SFA	34	M32		AL34/PG29/SFA	34	PG29
	AL42/M40/SFA	42	M40		AL42/PG36/SFA	42	PG36
	AL54/M50/SFA	54	M50		AL54/PG48/SFA	54	PG48
	AL54/M63/SFA	54	M63		-	-	-

For attaching to external threads & other fittings

To order quote part number & body colour, e.g. AL13/M16/SFA/BL

NPT also available

Approvals



IP rating

Appropriate conduit

For use with: Type PA / CP / PR / PF

IP66	Yes
IP67	Yes + ALS Seal
IP68	Yes + ALS Seal
IP69	Yes + ALS Seal

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Fitting characteristics



Non-metallic conduit systems

Type CSF90 & SF45 - Adaptalok

Type CSF90 - Adaptalok

90° Elbow fitting - Swivel internal female thread / Materials: Polyamide (nylon) 66, nickel plated brass thread / Colour: Black (BL), Grey (GR)



Part no.	Nominal conduit size (mm)	Metric thread
AL13/M16/CSF90	13	M16
AL16/M16/CSF90	16	M16
AL21/M20/CSF90	21	M20
-	-	-
AL28/M25/CSF90	28	M25
AL34/M32/CSF90	34	M32
AL42/M40/CSF90	42	M40
AL54/M50/CSF90	54	M50

Part no.	Nominal conduit size (mm)	PG thread
AL13/PG9/CSF90	13	PG9
AL16/PG11/CSF90	16	PG11
AL21/PG13/CSF90	16	PG13,5
AL21/PG16/CSF90	21	PG16
AL28/PG21/CSF90	28	PG21
AL34/PG29/CSF90	34	PG29
AL42/PG36/CSF90	42	PG36
AL54/PG48/CSF90	54	PG48

For attachment to external threads & other fittings

To order quote part number & body colour, e.g. AL13/M16/CSF90/BL
NPT also available

Approvals



IP rating Appropriate conduit

For use with: Type PA / CP / PR / PF

IP66	Yes
IP67	Yes + ALS Seal
IP68	Yes + ALS Seal
IP69	Yes + ALS Seal

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Fitting characteristics



Type SF45 - Adaptalok

45° Elbow fitting - Swivel internal female thread / Materials: Polyamide (nylon) 66, nickel plated brass thread / Colour: Black (BL), Grey (GR)



Part no.	Nominal conduit size (mm)	Metric thread
AL13/M16/SF45	13	M16
AL16/M16/SF45	16	M16
AL21/M20/SF45	21	M20
-	-	-
AL28/M25/SF45	28	M25
AL34/M32/SF45	34	M32
AL42/M40/SF45	40	M40
AL54/M50/SF45	50	M50
AL54/M63/SF45	63	M63

Part no.	Nominal conduit size (mm)	PG thread
AL13/PG9/SF45	13	PG9
AL16/PG11/SF45	16	PG11
AL21/PG13/SF45	16	PG13,5
AL21/PG16/SF45	21	PG16
AL28/PG21/SF45	28	PG21
AL34/PG29/SF45	42	PG29
AL42/PG36/SF45	48	PG36
AL54/PG48/SF45	54	PG48
-	-	-

For insertion into threaded entries & knockouts using a locknut. Order locknut separately

To order quote part number & body colour, e.g. AL13/M16/CS90/BL. NPT also available

*These parts are not covered by the RU certification

Approvals



IP rating Appropriate conduit

For use with: Type PA / CP / PR / PF

IP66	Yes
IP67	Yes + ALS Seal
IP68	Yes + ALS Seal
IP69	Yes + ALS Seal

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Fitting characteristics



Non-metallic conduit systems

UNEF Type A

UNEF Type A - Adaptalok

Straight body - Swivel internal female thread / Materials: Polyamide (nylon) 66 & aluminium /
Colour: Black (BL) only

	Part no.	Nominal conduit size (mm)	Connector UNEF thread		Part no.	Nominal conduit size (mm)	Connector UNEF thread
	AL13/U063/A	13	5/8" - 24		AL21/U144/A	21	1 7/16" - 18
	AL13/U075/A	13	3/4" - 20		AL21/U175/A	21	1 3/4" - 18
	AL13/U088/A	13	7/8" - 20		AL28/U088/A	28	7/8" - 20
	AL16/U063/A	16	5/8" - 24		AL28/U094/A	28	1 5/16" - 20
	AL16/U075/A	16	3/4" - 20		AL28/U100/A	28	1" - 20
	AL16/U081/A	16	1 3/16" - 20		AL28/U119/A	28	1 3/16" - 18
	AL16/U088/A	16	7/8" - 20		AL28/U138/A	28	1 3/8" - 18
	AL16/U094/A	16	1 5/16" - 20		AL28/U144/A	28	1 7/16" - 18
	AL16/U100/A	16	1" - 20		AL28/U175/A	28	1 3/4" - 18
	AL16/U119/A	16	1 3/16" - 18		AL28/U200/A	28	2" - 16
	AL16/U131/A	16	1 5/16" - 18		AL28/U225/A	28	2 1/4" - 16
	AL21/U075/A	21	3/4" - 20		AL34/U100/A	34	1" - 20
	AL21/U088/A	21	7/8" - 20		AL34/U119/A	34	1 3/16" - 18
	AL21/U094/A	21	1 5/16" - 20		AL34/U144/A	34	1 7/16" - 18
	AL21/U100/A	21	1" - 20		AL34/U175/A	34	1 3/4" - 18
	AL21/U113/A	21	1 1/8" - 18		AL34/U200/A	34	2" - 16
	AL21/U119/A	21	1 3/16" - 18		AL42/U175/A	42	1 3/4" - 18
	AL21/U131/A	21	1 5/16" - 18		AL42/U200/A	42	2" - 16
	AL21/U138/A	21	1 3/8" - 18		-	-	-

For coupling to UNEF circular connectors

To order quote part number, e.g. AL13/U063/A and add 000620

Approvals



IP rating

Appropriate conduit

For use with: Type PA / CP / PR / PF

IP66	Yes
IP67	Yes + ALS Seal
IP68	Yes + ALS Seal
IP69	Yes + ALS Seal

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Fitting characteristics



Non-metallic conduit systems

UNEF Type C90 - Adaptalok

UNEF Type C90 - Adaptalok

90° Elbow fitting - Elbow body - Swivel internal female thread / Materials: Polyamide (nylon) 66 & aluminium / Colour: Black (BL) Only



Part no.	Nominal conduit size (mm)	Connector UNEF thread
AL13/U063/C90	13	5/8" - 24
AL13/U075/C90	13	3/4" - 20
AL13/U088/C90	16	7/8" - 20
AL16/U063/C90	16	5/8" - 24
AL16/U075/C90	16	3/4" - 20
AL16/U081/C90	16	1 3/16" - 20
AL16/U088/C90	16	7/8" - 20
AL16/U094/C90	16	1 5/16" - 20
AL16/U100/C90	16	1" - 20
AL16/U119/C90	16	1 3/16" - 18
AL16/U131/C90	16	1 5/16" - 18
AL21/U075/C90	21	3/4" - 20
AL21/U088/C90	21	7/8" - 20
AL21/U094/C90	21	1 5/16" - 20
AL21/U100/C90	21	1" - 20
AL21/U113/C90	21	1 1/8" - 18
AL21/U119/C90	21	1 3/16" - 18
AL21/U131/C90	21	1 5/16" - 18
AL21/U138/C90	21	1 3/8" - 18

Part no.	Nominal conduit size (mm)	Connector UNEF thread
AL21/U144/C90	21	1 7/16" - 18
AL21/U175/C90	21	1 3/4" - 18
AL28/U088/C90	28	7/8" - 20
AL28/U094/C90	28	1 5/16" - 20
AL28/U100/C90	28	1" - 20
AL28/U119/C90	28	1 3/16" - 18
AL28/U138/C90	28	1 3/8" - 18
AL28/U144/C90	28	1 7/16" - 18
AL28/U175/C90	28	1 3/4" - 18
AL28/U200/C90	28	2" - 16
AL28/U225/C90	28	2 1/4" - 16
AL34/U100/C90	34	1" - 20
AL34/U119/C90	34	1 3/16" - 18
AL34/U144/C90	34	1 7/16" - 18
AL34/U175/C90	34	1 3/4" - 18
AL34/U200/C90	34	2" - 16
AL42/U175/C90	42	1 3/4" - 18
42/U200/C90	42	2" - 16
-	-	-

For coupling to UNEF circular connectors

To order quote part number, e.g. AL13/U065/C90 and add 000620

Approvals



IP rating

Appropriate conduit

For use with: Type PA / CP / PR / PF

IP66	Yes
IP67	Yes + ALS Seal
IP68	Yes + ALS Seal
IP69	Yes + ALS Seal

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Fitting characteristics



Non-metallic conduit systems

UNEF Type 45 - Adaptalok

UNEF Type 45 - Adaptalok

45° Elbow fitting - Swivel internal female thread / Materials: Polyamide (nylon) 66 & aluminium /
Colour: Black (BL) only

Part no.	Nominal conduit size (mm)	Connector UNEF thread
AL13/U063/45	13	5/8" - 24
AL13/U075/45	13	3/4" - 20
AL13/U088/45	13	7/8" - 20
AL16/U063/45	16	5/8" - 24
AL16/U075/45	16	3/4" - 20
AL16/U081/45	16	1 3/16" - 20
AL16/U088/45	16	7/8" - 20
AL16/U094/45	16	1 5/16" - 20
AL16/U100/45	16	1" - 20
AL16/U119/45	16	1 3/16" - 18
AL16/U131/45	16	1 5/16" - 18
AL21/U075/45	21	3/4" - 20
AL21/U088/45	21	7/8" - 20
AL21/U094/45	21	1 5/16" - 20
AL21/U100/45	21	1" - 20
AL21/U113/45	21	1 1/8" - 18
AL21/U119/45	21	1 3/16" - 18
AL21/U131/45	21	1 5/16" - 18
AL21/U138/45	21	1 3/8" - 18

Part no.	Nominal conduit size (mm)	Connector UNEF thread
AL21/U144/45	21	1 7/16" - 18
AL21/U175/45	21	1 3/4" - 18
AL28/U088/45	28	7/8" - 20
AL28/U094/45	28	1 5/16" - 20
AL28/U100/45	28	1" - 20
AL28/U119/45	28	1 3/16" - 18
AL28/U138/45	28	1 3/8" - 18
AL28/U144/45	28	1 7/16" - 18
AL28/U175/45	28	1 3/4" - 18
AL28/U200/45	28	2" - 16
AL28/U225/45	28	2 1/4" - 16
AL34/U100/45	34	1" - 20
AL34/U119/45	34	1 3/16" - 18
AL34/U144/45	34	1 7/16" - 18
AL34/U175/45	34	1 3/4" - 18
AL34/U200/45	34	2" - 16
AL42/U175/45	42	1 3/4" - 18
AL42/U200/45	42	2" - 16
-	-	-

For coupling to UNEF circular connectors

To order quote part number, e.g. AL13/U065/45 and add 000620

Approvals



IP rating

Appropriate conduit

For use with: Type PA / CP / PR / PF

IP66	Yes
IP67	Yes + ALS Seal
IP68	Yes + ALS Seal
IP69	Yes + ALS Seal

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Fitting characteristics



Non-metallic conduit systems

Jumbo Type FL/A - Adaptalok

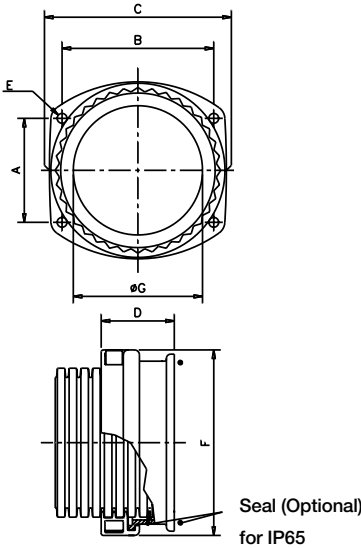
Jumbo Type FL/A - Adaptalok

Straight panel mounting swivel flange / Materials: Polyamide (nylon) 66 / Colour: Black (BL) Only

	Part no.	Nominal conduit size (mm)
	ADC80/FL/A	80
	ADC106/FL/A	106
For coupling to UNEF circular connectors		
To order quote part number, e.g. ADC80/FL/A/BL		

Approvals	IP rating	Appropriate conduit	Temperature range
 KMD3161	For use with: Type PA / CP / PR / PF		Static applications: -50°C to +120°C
	IP40	Yes	Moving applications: -45°C to +120°C
	IP65	Yes + ALS Seal	
	IP68	N/A	
	IP69	N/A	

Part no.		Nominal size
ADC80/FL/A	ADC106/FL/A	
60mm	74mm	A
80mm	108mm	B
98mm	126mm	C
52.5mm	52.5mm	D
7mm	7mm	Eø
106mm	132mm	F
For coupling to UNEF circular connectors		
To order quote part number, e.g. ADC80/FL/A/BL		





Non-metallic conduit systems

Jumbo Type SK



Jumbo Type SK

Sealing kit / Materials: Rubber / Colour: Black (BL) only

		Nominal conduit size (mm)
Part no.		
	ADC80/FL/A	80
	ADC106/FL/A	106

For use with Jumbo fittings to achieve IP65. Consists of two sealing washers & O-ring per kit
To order quote part number, e.g. SK80/BL

Non-metallic conduit systems

Introduction to Adaptalok ATS™

Adaptalok ATS™ represents a unique and innovative solution in flexible conduit systems. Until now, manufacturers have produced fittings and seals separately, and assembled them together, or had the customer assemble them. This increases assembly time and introduces the possibility for errors.

—
01 Caption
—
02 Caption

Adaptalok ATS™ uses a sophisticated moulding process to mould an internal conduit seal and a face seal washer. This makes installation times very fast, and extremely reliable, because the seals cannot be left out. The conduit system also benefits from the highest IP rating possible.

Additional key features:

- Nylon 66 body
- Lighter in weight
- Quicker to install (cut & assemble fittings)
- Wider variety of fittings - much larger solutions choice
- Better fatigue life
- Return to shape

Integral Face Seal Washer
guaranteed fit, cannot be lost or
fitted incorrectly.
No Assembly.

High Visibility Elastomer -
3 visible confirmation points.

Internal Elastomer Conduit Seal -
guaranteed fit, cannot be lost
or fitted incorrectly.
No Assembly & protects cables.



Visual Fitting Guides - highly visible elastomer
markings on lugs, aids correct fitment.

Proven Clip Design - pitch independent, ensures
secure fitment to coarse & fine pitch conduits.

Thread Data - thread size clearly
indicated on fitting thread

Conduit Data - conduit size clearly indicated
on fitting.

Non-metallic conduit systems

Type A - Adaptalok ATS™

Type A - Adaptalok ATS™

Straight Fitting - Fixed external male thread / Materials: Polyamide (nylon) 66/TPE /
Colour: Black (BL), Grey (GR) / Yellow (Y) Elastomer

	Part no.	Nominal conduit size (mm)	Metric thread	Part no.	Nominal conduit size (mm)	PF thread (in)	Part no.	Nominal conduit size (mm)	NPT thread (in)
	AT13/M16/A	13	M16	AT13/PF038/A	13	3/8	AT13/038/A	13	3/8
	AT16/M16/A	16	M16	AT16/PF038/A	16	3/8	AT16/038/A	16	3/8
	AT16/M20/A	16	M20	AT16/PF050/A	16	1/2	AT16/050/A	16	1/2
	AT21/M20/A	21	M20	AT21/PF050/A	21	1/2	AT21/050/A	21	1/2
	AT21/M25/A	21	M25	-	-	-	-	-	-
	AT28/M25/A	28	M25	AT28/PF075/A	28	3/4	AT28/075/A	28	3/4
	AT28/M32/A	28	M32	-	-	-	-	-	-
	AT34/M32/A	34	M32	AT34/PF100/A	34	1	AT34/100/A	34	1
	AT34/M40/A	34	M40	-	-	-	-	-	-
	AT42/M40/A	42	M40	AT42/PF125/A	42	1 1/4	AT42/125/A	42	1 1/4
	AT42/M50/A	42	M50	-	-	-	-	-	-
	AT48/M50/A	48	M50	AT48/PF150/A	48	1 1/2	AT48/150/A	48	1 1/2
	AT54/M50/A	54	M50	-	-	-	-	-	-
	AT54/M63/A	54	M63	AT54/PF200/A	48	2	AT54/200/A	54	2

For insertion into knockouts using a locknut. Locknut supplied with METRIC thread
To order quote part number, body colour & Elastomer colour, e.g. AT21/M20/A/BLY

Approvals



IP rating

Appropriate conduit

For use with: Type PA / PR / PADL / PF

IP40	Yes
IP65	Yes
IP68	Yes (4 bar 30mins)
IP69	Yes

Temperature range

Static applications: -50°C to +120°C
Moving applications: -45°C to +120°C

Non-metallic conduit systems

Type A - Adaptalok ATS™

Type A - Adaptalok ATS™

Straight fitting - Fixed external male thread / Polyamide (nylon) 66/TPE /
Colour: Black (BL), Grey (GR) / Blue (B) Elastomer

	Part no.	Nominal conduit size (mm)		Metric thread	Part no.	Nominal conduit size (mm)		NPT thread (in)
	AT13/M16/A		13	M16	AT13/038/A		13	3/8
	AT16/M16/A		16	M16	AT16/038/A		16	3/8
	AT16/M20/A		16	M20	AT16/050/A		16	1/2
	AT21/M20/A		21	M20	AT21/050/A		21	1/2
	AT21/M25/A		21	M25	-		-	-
	AT28/M25/A		28	M25	AT28/075/A		28	3/4
	AT28/M32/A		28	M32	-		-	-
	AT34/M32/A		34	M32	AT34/100/A		34	1
	AT34/M40/A		34	M40	-		-	-
	AT42/M40/A		42	M40	AT42/125/A		42	1 1/4
	AT42/M50/A		42	M50	-		-	-
	AT48/M50/A		48	M50	AT48/150/A		48	1 1/2
	AT54/M50/A		54	M50	-		-	-
	AT54/M63/A		54	M63	AT54/200/A		54	2

For insertion into knockouts using a locknut. Locknut supplied with METRIC thread
To order quote part number, body colour & Elastomer colour, e.g. AT21/M20/A/BLB

Approvals



IP rating

Appropriate conduit

For use with: Type PA / PR / PADL / PF

IP40	Yes
IP65	Yes
IP68	Yes (4 bar 30mins)
IP69	Yes

Temperature range

Static applications: -50°C to +120°C
Moving applications: -45°C to +120°C

Non-metallic conduit systems

Type C90 - Adaptalok ATS™

Type C90 - Adaptalok ATS™

90° Elbow fitting - Fixed external male thread / Materials: Polyamide (nylon) 66/TPE /
Colour: Black (BL), Grey (GR) / Yellow (Y) Elastomer

	Part no.	Nominal conduit size (mm)	Metric thread	Part no.	Nominal conduit size (mm)	PF thread (in)	Part no.	Nominal conduit size (mm)	NPT thread (in)
	AT13/M16/C90	13	M16	AT13/PF038/C90	13	3/8	AT13/038/C90	13	3/8
	AT16/M16/C90	16	M16	AT16/PF038/C90	16	3/8	AT16/038/C90	16	3/8
	AT16/M20/C90	16	M20	AT16/PF050/C90	16	1/2	AT16/050/C90	16	1/2
	AT21/M20/C90	21	M20	AT21/PF050/C90	21	1/2	AT21/050/C90	21	1/2
	AT21/M25/C90	28	M25	AT28/PF075/C90	28	3/4	AT28/075/C90	28	3/4
	AT28/M32/C90	34	M32	AT34/PF100/C90	34	1	AT34/100/C90	34	1
	AT28/M40/C90	42	M40	AT42/PF125/C90	42	1 1/4	AT42/125/C90	42	1 1/4
	AT34/M50/C90	48	M50	AT48/PF150/C90	48	1 1/2	AT48/150/C90	48	1 1/2
	AT34/M50/C90	54	M50	AT54/PF150/C90	54	1 1/2	AT54/150/C90	54	1 1/2
	AT42/M63/C90	54	M63	AT54/PF200/C90	54	2	AT54/200/C90	54	2

For insertion into knockouts using a locknut. Locknut supplied with METRIC thread
To order quote part number, body colour & Elastomer colour, e.g. AT21/M20/C90/BL/Y

Approvals



IP rating

Appropriate conduit

For use with: Type PA / PR / PADL / PF

IP40	Yes
IP65	Yes
IP68	Yes (4 bar 30mins)
IP69	Yes

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Type C90 - Adaptalok ATS™

90° Elbow fitting - Fixed external male thread / Materials: Polyamide (nylon) 66/TPE /
Colour: Black (BL), Grey (GR) / Blue (BQ) Elastomer

	Part no.	Nominal conduit size (mm)	Metric thread	Part no.	Nominal conduit size (mm)	PF thread (in)
	13/M16/C90	13	M16	AT13/PF038/C90	13	3/8
	16/M16/C90	16	M16	AT16/PF038/C90	16	3/8
	16/M20/C90	16	M20	AT16/PF050/C90	16	1/2
	21/M20/C90	21	M20	AT21/PF050/C90	21	1/2
	21/M25/C90	28	M25	AT28/PF075/C90	28	3/4
	28/M32/C90	34	M32	AT34/PF100/C90	34	1
	28/M40/C90	42	M40	AT42/PF125/C90	42	1 1/4
	AT34/M50/C90	48	M50	AT48/PF150/C90	48	1 1/2
	AT34/M50/C90	54	M50	AT54/PF150/C90	54	1 1/2
	AT42/M63/C90	54	M63	AT54/PF200/C90	54	2

For insertion into knockouts using a locknut. Locknut supplied with METRIC thread
To order quote part number, body colour & Elastomer colour, e.g. AT21/M20/A/BLB

Approvals



IP rating

Appropriate conduit

For use with: Type PA / PR / PADL / PF

IP40	Yes
IP65	Yes
IP68	Yes (4 bar 30mins)
IP69	Yes

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Non-metallic conduit systems

Type 45 - Adaptalok ATS™

Type 45 - Adaptalok ATS™

45° Elbow fitting - Fixed external male thread / Materials: Polyamide (nylon) 66/TPE /
Colour: Black (BL), Grey (GR) / Yellow (Y) Elastomer

	Part no.	Nominal conduit size (mm)	Metric thread	Part no.	Nominal conduit size (mm)	PF thread (in)	Part no.	Nominal conduit size (mm)	NPT thread (in)
	AT13/M16/45	13	M16	AT13/PF038/45	13	3/8	AT13/038/45	13	3/8
	AT16/M16/45	16	M16	AT16/PF038/45	16	3/8	AT16/038/45	16	3/8
	AT16/M20/45	16	M20	AT16/PF050/45	16	1/2	AT16/050/45	16	1/2
	AT21/M20/45	21	M20	AT21/PF050/45	21	1/2	AT21/050/45	21	1/2
	AT21/M25/45	28	M25	AT28/PF075/45	28	3/4	AT28/075/45	28	3/4
	AT28/M32/45	34	M32	AT34/PF100/45	34	1	AT34/100/45	34	1
	AT28/M40/45	42	M40	AT42/PF125/45	42	1 1/4	AT42/125/45	42	1 1/4
	AT34/M50/45	48	M50	AT48/PF150/45	48	1 1/2	AT48/150/45	48	1 1/2
	AT34/M50/45	54	M50	-	-	-	-	-	-
	For insertion into knockouts using a locknut. Locknut supplied with METRIC thread								

To order quote part number, body colour & Elastomer colour, e.g. AT54/M50/45/BLY

Approvals



IP rating

Appropriate conduit

For use with: Type PA / PR / PADL / PF

IP40	Yes
IP65	Yes
IP68	Yes (4 bar 30mins)
IP69	Yes

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Type 45 - Adaptalok ATS™

45° Elbow fitting - Fixed external male thread / Materials: Polyamide (nylon) 66/TPE /
Colour: Black (BL), Grey (GR) / Blue (BL) Elastomer

	Part no.	Nominal conduit size (mm)	Metric thread	Part no.	Nominal conduit size (mm)	PF thread (in)
	AT13/M16/45	13	M16	AT13/PF038/45	13	3/8
	AT16/M16/45	16	M16	AT16/PF038/45	16	3/8
	AT16/M20/45	16	M20	AT16/PF050/45	16	1/2
	AT21/M20/45	21	M20	AT21/PF050/45	21	1/2
	AT21/M25/45	28	M25	AT28/PF075/45	28	3/4
	AT28/M32/45	34	M32	AT34/PF100/45	34	1
	AT28/M40/45	42	M40	AT42/PF125/45	42	1 1/4
	AT34/M50/45	48	M50	AT48/PF150/45	48	1 1/2
	AT34/M50/45	54	M50	-	-	-
	For insertion into knockouts using a locknut. Locknut supplied with METRIC thread					

To order quote part number, body colour & Elastomer colour, e.g. AT54/M50/45/BLB

Approvals



IP rating

Appropriate conduit

For use with: Type PA / PR / PADL / PF

IP40	Yes
IP65	Yes
IP68	Yes (4 bar 30mins)
IP69	Yes

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Non-metallic conduit systems

Type SA & CS90 - Adaptalok ATS™

Type SA - Adaptalok ATS™

Straight fitting - Metal swivel external male thread / Materials: Polyamide (nylon) 66, Nickel plated brass thread/TPE / Colour: Black (BL), Grey (GR) / Yellow (Y), Blue (B) Elastomer

	Part no.	Nominal conduit size (mm)		Metric thread	Part no.	Nominal conduit size (mm)		NPT thread (in)
	AT13/M16/SA	13		M16	AT13/038/SA	13		3/8
	AT16/M16/SA	16		M16	AT16/038/SA	16		3/8
	AT21/M20/SA	21		M20	AT21/050/SA	21		1/2
	AT28/M25/SA	28		M25	AT28/075/SA	28		3/4
	AT34/M32/SA	34		M32	AT34/100/SA	34		1
	AT42/M40/SA	42		M40	AT42/125/SA	42		1 1/4
	AT48/M50/SA	48		M50	AT48/150/SA	48		1 1/2
	AT54/M50/SA	54		M50	AT54/150/SA	54		1 1/2
	AT54/M63/SA	54		M63	AT54/200/SA	54		2
	For insertion into threaded entries & knockouts. Order locknuts separately To order quote part number, body colour & Elastomer colour, e.g. AT16/M16/SA/BLB							

Approvals		Blue Elastomer version only		IP rating		Appropriate conduit		Temperature range	
		Intertek		For use with: Type PA / PR / PADL / PF					
				IP40		Yes			
				IP65		Yes			
				IP68		Yes (4 bar 30mins)			
				IP69		Yes			
						Fitting characteristics			



Type CS90 - Adaptalok ATS™

90° Elbow fitting - Swivel external male thread / Materials: Polyamide (nylon) 66, nickel plated brass thread/TPE Colour: Black (BL), Grey (GR) / Yellow (Y), Blue (B) Elastomer

	Part no.	Nominal conduit size (mm)		Metric thread	Part no.	Nominal conduit size (mm)		NPT thread (in)
	AT13/M16/CS90	13		M16	AT13/038/CS90	13		3/8
	AT16/M16/CS90	16		M16	AT16/038/CS90	16		3/8
	AT21/M20/CS90	21		M20	AT21/050/CS90	21		1/2
	AT28/M25/CS90	28		M25	AT28/075/CS90	28		3/4
	AT34/M32/CS90	34		M32	AT34/100/CS90	34		1
	AT42/M40/CS90	42		M40	AT42/125/CS90	42		1 1/4
	AT48/M50/CS90	48		M50	AT48/150/CS90	48		1 1/2
	AT54/M50/CS90	54		M50	AT54/150/CS90	54		1 1/2
	AT54/M63/CS90	54		M63	AT54/200/CS90	54		2
	For insertion into threaded entries & knockouts. Order locknuts separately To order quote part number, body colour & Elastomer colour, e.g. AT16/M16/SA/BLB							

Approvals		Blue Elastomer version only		IP rating		Appropriate conduit		Temperature range	
     		For use with: Type PA / PR / PADL / PF				Static applications: -50°C to +120°C			
		IP40		Yes		Moving applications: -45°C to +120°C			
		IP65		Yes		Fitting characteristics			
		IP68		Yes (4 bar 30mins)					
		IP69		Yes					

Non-metallic conduit systems

Type S45 & SFA - Adaptalok ATS™

Type S45 - Adaptalok ATS™

45° Elbow body - Swivel external male thread / Materials: Polyamide (nylon) 66, nickel plated brass thread/TPE
Colour: Black (BL), Grey (GR) / Yellow (Y), Blue (B) Elastomer

	Part no.	Nominal conduit size (mm)		Metric thread	Part no.	Nominal conduit size (mm)		NPT thread (in)
	AT13/M16/S45	13		M16	AT13/038/S45	13		3/8
	AT16/M16/S45	16		M16	AT16/038/S45	16		3/8
	AT21/M20/S45	21		M20	AT21/050/S45	21		1/2
	AT28/M25/S45	28		M25	AT28/075/S45	28		3/4
	AT34/M32/S45	34		M32	AT34/100/S45	34		1
	AT42/M40/S45	42		M40	AT42/125/S45	42		1 1/4
	AT48/M50/S45	48		M50	AT48/150/S45	48		1 1/2
	AT54/M50/S45	54		M50	AT54/150/S45	54		1 1/2
	AT54/M63/S45	54		M63	AT54/200/S45	54		2
	For insertion into threaded entries & knockouts. Order locknuts separately To order quote part number, body colour & Elastomer colour, e.g. AT54/M63/S45/BLB							

Approvals



Blue Elastomer version only



IP rating

Appropriate conduit

For use with: Type PA / PR / PADL / PF

IP40	Yes
IP65	Yes
IP68	Yes (4 bar 30mins)
IP69	Yes

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Fitting characteristics



Type SFA - Adaptalok ATS™

Straight fitting - Swivel internal female thread / Materials: Polyamide (nylon) 66, nickel plated brass thread/TPE
Colour: Black (BL), Grey (GR) / Yellow (Y), Blue (B) Elastomer

	Part no.	Nominal conduit size (mm)		Metric thread	Part no.	Nominal conduit size (mm)		NPT thread (in)
	AT13/M16/SFA	13		M16	AT13/038/SFA	13		3/8
	AT16/M16/SFA	16		M16	AT16/038/SFA	16		3/8
	AT21/M20/SFA	21		M20	AT21/050/SFA	21		1/2
	AT28/M25/SFA	28		M25	AT28/075/SFA	28		3/4
	AT34/M32/SFA	34		M32	AT34/100/SFA	34		1
	AT42/M40/SFA	42		M40	AT42/125/SFA	42		1 1/4
	AT48/M50/SFA	48		M50	AT48/150/SFA	48		1 1/2
	AT54/M50/SFA	54		M50	-	-		-
	AT54/M63/SFA	54		M63	AT54/200/SFA	54		2
	For attachments to external threads & other fittings To order quote part number, body colour & Elastomer colour, e.g. AT54/M63/SFA/BLB							

Approvals



Blue Elastomer version only



IP rating

Appropriate conduit

For use with: Type PA / PR / PADL / PF

IP40	Yes
IP65	Yes
IP68	Yes (4 bar 30mins)
IP69	Yes

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Fitting characteristics



Non-metallic conduit systems

Type CSF90 & SF45 - Adaptalok ATS™

Type CSF90 - Adaptalok ATS™

90° Elbow body - Swivel internal female thread / Materials: Polyamide (nylon) 66, nickel plated brass thread/TPE / Colour: Black (BL), Grey (GR) / Yellow (Y), Blue (B) Elastomer

	Part no.	Nominal conduit size (mm)		Metric thread	Part no.	Nominal conduit size (mm)		NPT thread (in)
	AT13/M16/CSF90	13		M16	AT13/038/CSF90	13		3/8
	AT16/M16/CSF90	16		M16	AT16/038/CSF90	16		3/8
	AT21/M20/CSF90	21		M20	AT21/050/CSF90	21		1/2
	AT28/M25/CSF90	28		M25	AT28/075/CSF90	28		3/4
	AT34/M32/CSF90	34		M32	AT34/100/CSF90	34		1
	AT42/M40/CSF90	42		M40	AT42/125/CSF90	42		1 1/4
	AT48/M50/CSF90	48		M50	AT48/150/CSF90	48		1 1/2
	AT54/M50/CSF90	54		M50	-	-		-
	AT54/M63/CSF90	54		M63	AT54/200/CSF90	54		2

For insertion into threaded entries & knockouts. Order locknuts separately
To order quote part number, body colour & Elastomer colour, e.g. AT16/M16/CSF90/BLB

Approvals



Blue Elastomer version only



IP rating

Appropriate conduit

For use with: Type PA / PR / PADL / PF

IP40	Yes
IP65	Yes
IP68	Yes (4 bar 30mins)
IP69	Yes

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Fitting characteristics



Type SF45 - Adaptalok ATS™

45° Elbow body - Swivel internal female thread / Materials: Polyamide (nylon) 66, nickel plated brass thread/TPE / Colour: Black (BL), Grey (GR) / Yellow (Y), Blue (B) Elastomer

	Part no.	Nominal conduit size (mm)		Metric thread	Part no.	Nominal conduit size (mm)		NPT thread (in)
	AT13/M16/SF45	13		M16	AT13/038/SF45	13		3/8
	AT16/M16/SF45	16		M16	AT16/038/SF45	16		3/8
	AT21/M20/SF45	21		M20	AT21/050/SF45	21		1/2
	AT28/M25/SF45	28		M25	AT28/075/SF45	28		3/4
	AT34/M32/SF45	34		M32	AT34/100/SF45	34		1
	AT42/M40/SF45	42		M40	AT42/125/SF45	42		1 1/4
	AT48/M50/SF45	48		M50	AT48/150/SF45	48		1 1/2
	AT54/M50/SF45	54		M50	-	-		-
	AT54/M63/SF45	54		M63	AT54/200/SF45	54		2

For attaching to external threads & other fittings
To order quote part number, body colour & Elastomer colour, e.g. AT16/M16/SF45/BLB

Approvals



Blue Elastomer version only



IP rating

Appropriate conduit

For use with: Type PA / PR / PADL / PF

IP40	Yes
IP65	Yes
IP68	Yes (4 bar 30mins)
IP69	Yes

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Fitting characteristics



Non-metallic conduit systems

Swivel Housing Type SFAJ, CSF90J & SF45J - Adaptalok ATST™

Type SFAJ - Adaptalok ATST™

Straight fitting - Swivel housing / Materials: Polyamide (nylon) 66, nickel plated brass thread/TPE
Colour: Black (BL), Grey (GR) / Yellow (Y) Elastomer

	Part no.	Nominal conduit size (mm)	Metric thread
	AT16/M16/SFAJ	16	M16
	AT21/M20/SFAJ	21	M20
	AT28/M25/SFAJ	28	M25
	AT34/M32/SFAJ	34	M32
	AT42/M40/SFAJ	42	M40
	AT54/M50/SFAJ	54	M50
	AT54/M63/SFAJ	54	M63

Swivel metal housing for use with Jacob PERFECT cable glands

To order quote part number, body colour & Elastomer colour, e.g. AT54/M63/SFAJ/BLY

Type CSF90J - Adaptalok ATST™

90° Elbow body - Swivel Housing / Materials: Polyamide (nylon) 66, nickel plated brass thread/TPE
Colour: Black (BL), Grey (GR) / Yellow (Y) Elastomer

	Part no.	Nominal conduit size (mm)	Metric thread
	AT16/M16/CSF90J	16	M16
	AT21/M20/CSF90J	21	M20
	AT28/M25/CSF90J	28	M25
	AT34/M32/CSF90J	34	M32
	AT42/M40/CSF90J	42	M40
	AT54/M50/CSF90J	54	M50
	AT54/M63/CSF90J	54	M63

Swivel metal housing for use with Jacob PERFECT cable glands

To order quote part number, body colour & Elastomer colour, e.g. AT16/M16/CSF90J/BLY

Type SF45 - Adaptalok ATST™

45° Elbow body - Swivel housing / Materials: Polyamide (nylon) 66, nickel plated brass thread/TPE
Colour: Black (BL), Grey (GR) / Yellow (Y) Elastomer

	Part no.	Nominal conduit size (mm)	Metric thread
	AT16/M16/SF45J	16	M16
	AT21/M20/SF45J	21	M20
	AT28/M25/SF45J	28	M25
	AT34/M32/SF45J	34	M32
	AT42/M40/SF45J	42	M40
	AT54/M50/SF45J	54	M50
	AT54/M63/SF45J	54	M63

Swivel metal housing for use with Jacob PERFECT cable glands

To order quote part number, body colour & Elastomer colour, e.g. AT16/M16/SF45J/BLY

Approvals



IP rating

Appropriate conduit

For use with: Type PA / CP / PR / PF

IP40	Yes
IP65	Yes
IP68	Yes (4 bar 30mins)
IP69	N/A

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Fitting characteristics



Non-metallic conduit systems

UNEF Type SFA - Adaptalok ATS™

UNEF Type SFA - Adaptalok ATS™

Straight body - Swivel internal female thread / Materials: Polyamide (nylon) 66, aluminium/TPE /
Colour: Black (BL) Only / Yellow (Y), Blue (B) Elastomer

	Part no.	Nominal conduit size (mm)	Connector UNEF thread		Part no.	Nominal conduit size (mm)	Connector UNEF thread
	AT13/U063/SFA	13	5/8" - 24		AT21/U144/SFA	21	1 7/16" - 18
	AT13/U075/SFA	13	3/4" - 20		AT21/U175/SFA	21	1 3/4" - 18
	AT13/U088/SFA	13	7/8" - 20		AT28/U088/SFA	28	7/8" - 20
	AT16/U063/SFA	16	5/8" - 24		AT28/U094/SFA	28	1 5/16" - 20
	AT16/U075/SFA	16	3/4" - 20		AT28/U100/SFA	28	1" - 20
	AT16/U081/SFA	16	1 3/16" - 20		AT28/U119/SFA	28	1 3/16" - 18
	AT16/U088/SFA	16	7/8" - 20		AT28/U138/SFA	28	1 5/8" - 18
	AT16/U094/SFA	16	1 5/16" - 20		AT28/U144/SFA	28	1 7/16" - 18
	AT16/U100/SFA	16	1" - 20		AT28/U175/SFA	28	1 3/4" - 18
	AT16/U119/SFA	16	1 3/16" - 18		AT28/U200/SFA	28	2" - 16
	AT16/U131/SFA	16	1 5/16" - 18		AT28/U225/SFA	28	2 1/4" - 16
	AT21/U075/SFA	21	3/4" - 20		AT34/U100/SFA	34	1" - 20
	AT21/U088/SFA	21	7/8" - 20		AT34/U119/SFA	34	1 3/16" - 18
	AT21/U094/SFA	21	1 5/16" - 20		AT34/U144/SFA	34	1 7/16" - 18
	AT21/U100/SFA	21	1" - 20		AT34/U175/SFA	34	1 3/4" - 18
	AT21/U113/SFA	21	1 1/8" - 18		AT34/U200/SFA	34	2" - 16
	AT21/U119/SFA	21	1 3/16" - 18		AT42/U175/SFA	42	1 3/4" - 18
	AT21/U131/SFA	21	1 5/16" - 18		AT42/U200/SFA	42	2" - 16
	AT21/U138/SFA	21	1 3/8" - 18		-	-	-

For coupling to UNEF circular connectors

To order quote part number, body colour & Elastomer colour, e.g. AT16/U063/SFA/BLB

Approvals	Blue Elastomer version only	IP rating	Appropriate conduit	Temperature range
    		For use with: Type PA / PR / PADL / PF		Static applications: -50°C to +120°C
		IP40	Yes	Moving applications: -45°C to +120°C
		IP65	Yes	Fitting characteristics
		IP68	Yes (4 bar 30mins)	
		IP69	Yes	



Non-metallic conduit systems

UNEF Type CSF90 - Adaptalok ATSTM

UNEF Type CSF90 - Adaptalok ATSTM

90° Elbow body - Swivel internal female thread / Materials: Polyamide (nylon) 66, nickel plated brass thread/TPE / Colour: Black (BL), Grey (GR) / Yellow (Y) Elastomer

	Part no.	Nominal conduit size (mm)	Connector UNEF thread		Part no.	Nominal conduit size (mm)	Connector UNEF thread
	AT13/U063/CSF90	13	5/8" - 24		AT21/U144/CSF90	21	1 7/16" - 18
	AT13/U075/CSF90	13	3/4" - 20		AT21/U175/CSF90	21	1 3/4" - 18
	AT13/U088/CSF90	13	7/8" - 20		AT28/U088/CSF90	28	7/8" - 20
	AT16/U063/CSF90	16	5/8" - 24		AT28/U094/CSF90	28	1 5/16" - 20
	AT16/U075/CSF90	16	3/4" - 20		AT28/U100/CSF90	28	1" - 20
	AT16/U081/CSF90	16	1 3/16" - 20		AT28/U119/CSF90	28	1 3/16" - 18
	AT16/U088/CSF90	16	7/8" - 20		AT28/U138/CSF90	28	1 3/8" - 18
	AT16/U094/CSF90	16	1 5/16" - 20		AT28/U144/CSF90	28	1 7/16" - 18
	AT16/U100/CSF90	16	1" - 20		AT28/U175/CSF90	28	1 3/4" - 18
	AT16/U119/CSF90	16	1 3/16" - 18		AT28/U200/CSF90	28	2" - 16
	AT16/U131/CSF90	16	1 5/16" - 18		AT28/U225/CSF90	28	2 1/4" - 16
	AT21/U075/CSF90	21	3/4" - 20		AT34/U100/CSF90	34	1" - 20
	AT21/U088/CSF90	21	7/8" - 20		AT34/U119/CSF90	34	1 3/16" - 18
	AT21/U094/CSF90	21	1 5/16" - 20		AT34/U144/CSF90	34	1 7/16" - 18
	AT21/U100/CSF90	21	1" - 20		AT34/U175/CSF90	34	1 3/4" - 18
	AT21/U113/CSF90	21	1 1/8" - 18		AT34/U200/CSF90	34	2" - 16
	AT21/U119/CSF90	21	1 3/16" - 18		AT42/U175/CSF90	42	1 3/4" - 18
	AT21/U131/CSF90	21	1 5/16" - 18		AT42/U200/CSF90	42	2" - 16
	AT21/U138/CSF90	21	1 3/8" - 18		-	-	-

For coupling to UNEF circular connectors

To order quote part number, body colour & Elastomer colour, e.g. AT16/U063/CSF90/BLB

Approvals	Blue Elastomer version only	IP rating	Appropriate conduit	Temperature range	Fitting characteristics
   		For use with: Type PA / PR / PADL / PF		Static applications: -50°C to +120°C	
		IP40	Yes	Moving applications: -45°C to +120°C	
		IP65	Yes		
		IP68	Yes (4 bar 30mins)		
		IP69	Yes		

Non-metallic conduit systems

UNEF Type SF45 - Adaptalok ATSTM™

UNEF Type SF45 - Adaptalok ATSTM™

45° Elbow body - Swivel internal female thread / Materials: Polyamide (nylon) 66, aluminium/TPE / Colour: Black (BL) Only / Yellow (Y), Blue (B) Elastomer

	Part no.	Nominal conduit size (mm)		Metric thread	Part no.	Nominal conduit size (mm)		NPT thread
	AT13/U063/SF45	13		5/8" - 24	AT21/U144/SF45	21		1 7/16" - 18
	AT13/U075/SF45	13		3/4" - 20	AT21/U175/SF45	21		1 3/4" - 18
	AT13/U088/SF45	13		7/8" - 20	AT28/U088/SF45	28		7/8" - 20
	AT16/U063/SF45	16		5/8" - 24	AT28/U094/SF45	28		1 5/16" - 20
	AT16/U075/SF45	16		3/4" - 20	AT28/U100/SF45	28		1" - 20
	AT16/U081/SF45	16		1 3/16" - 20	AT28/U119/SF45	28		1 3/16" - 18
	AT16/U088/SF45	16		7/8" - 20	AT28/U138/SF45	28		1 3/8" - 18
	AT16/U094/SF45	16		1 5/16" - 20	AT28/U144/SF45	28		1 7/16" - 18
	AT16/U100/SF45	16		1" - 20	AT28/U175/SF45	28		1 3/4" - 18
	AT16/U119/SF45	16		1 3/16" - 18	AT28/U200/SF45	28		2" - 16
	AT16/U131/SF45	16		1 5/16" - 18	AT28/U225/SF45	28		2 1/4" - 16
	AT21/U075/SF45	21		3/4" - 20	AT34/U100/SF45	34		1" - 20
	AT21/U088/SF45	21		7/8" - 20	AT34/U119/SF45	34		1 3/16" - 18
	AT21/U094/SF45	21		1 5/16" - 20	AT34/U144/SF45	34		1 7/16" - 18
	AT21/U100/SF45	21		1" - 20	AT34/U175/SF45	34		1 3/4" - 18
	AT21/U113/SF45	21		1 1/8" - 18	AT34/U200/SF45	34		2" - 16
	AT21/U119/SF45	21		1 3/16" - 18	AT42/U175/SF45	42		1 3/4" - 18
	AT21/U131/SF45	21		1 5/16" - 18	AT42/U200/SF45	42		2" - 16
	AT21/U138/SF45	21		1 3/8" - 18	-	-		-

For coupling to UNEF circular connectors

To order quote part number, body colour & Elastomer colour, e.g. AT16/U063/SF45/BLB

Approvals	Blue Elastomer version only	IP rating	Appropriate conduit	Temperature range	Fitting characteristics
    		For use with: Type PA / PR / PADL / PF		Static applications: -50°C to +120°C	
		IP40	Yes	Moving applications: -45°C to +120°C	
		IP65	Yes		
		IP68	Yes (4 bar 30mins)		
		IP69	Yes		

Non-metallic conduit systems

Swivel Coupler & Panel Mounting Type FL/A - Adaptalok ATS™

Swivel Coupler - Adaptalok ATS™

Straight PA66 body - Swivel coupler / Materials: Polyamide (nylon) 66/TPE /
Colour: Black (BL) Only / Yellow (Y), Blue (B) Elastomer

	Part no.	Nominal conduit size (mm)
	AT13/A/U	13
	AT16/A/U	16
	AT21/A/U	21
	AT28/A/U	28
	AT34/A/U	34
	AT42/A/U	42
	AT48/A/U	48
	AT54/A/U	54
For coupling to corrugated flexible conduit To order quote part number, body colour & Elastomer colour, e.g. AT21/A/U/BLB		

Approvals	Blue Elastomer version only	IP rating	Appropriate conduit	Temperature range	
		For use with: Type PA / PR / PADL / PF		Static applications: -50°C to +120°C	
		IP40	Yes	Moving applications: -45°C to +120°C	
		IP65	Yes	Fitting characteristics	
		IP68	Yes (4 bar 30mins)		
		IP69	Yes		

Panel Mounting Type FL/A - Adaptalok ATS™

Straight panel mounting-swivel flange / Materials: Polyamide (nylon) 66/TPE /
Colour: Black (BL) Only / Yellow (Y), Blue (B) Elastomer

	Part no.	Nominal conduit size (mm)
	AT16/FL/A	16
	AT21/FL/A	21
	AT28/FL/A	28
With integral face seal To order quote part number, body colour & Elastomer colour, e.g. AT21/FL/A/BLB		

Approvals	Blue Elastomer version only	IP rating	Appropriate conduit	Temperature range	
		For use with: Type PA / PR / PADL / PF		Static applications: -50°C to +120°C	
		IP40	Yes	Moving applications: -45°C to +120°C	
		IP65	Yes	Fitting characteristics	
		IP68	Yes (4 bar 30mins)		
		IP69	Yes		

Non-metallic conduit systems

Panel Mounting Type FL/C90 & FL45 - Adaptalok ATS™

Panel Mounting Type FL/C90 - Adaptalok ATS™

90° Elbow body - Panel mounting swivel flange / Materials: Polyamide (nylon) 66/TPE /
Colour: Black (BL) Only / Yellow (Y), Blue (B) Elastomer

	Part no.	Nominal conduit size (mm)	
	AT13/FL/C90		13
	AT16/FL/C90		16
	AT21/FL/C90		21
	AT28/FL/C90		28
For panel mounting via 2 hole fixing & integral face seal To order quote part number, body colour & Elastomer colour, e.g. AT21/FL/C90/BLB			

Approvals	Blue Elastomer version only	IP rating	Appropriate conduit	Temperature range	
		For use with: Type PA / PR / PADL / PF		Static applications: -50°C to +120°C	
		IP40	Yes	Moving applications: -45°C to +120°C	
		IP65	Yes	Fitting characteristics	
		IP68	Yes (4 bar 30mins)		
		IP69	Yes		

Panel Mounting Type FL45 - Adaptalok ATS™

45° Elbow body - Panel mounting swivel flange / Materials: Polyamide (nylon) 66/TPE /
Colour: Black (BL), Grey (GR) / Yellow (W), Blue (B) Elastomer

	Part no.	Nominal conduit size (mm)	
	AT16/FL/45		16
	AT21/FL/45		21
	AT28/FL/45		28
With integral face seal To order quote part number, body colour & Elastomer colour, e.g. AT21/FL/45/BLB			

Approvals	Blue Elastomer version only	IP rating	Appropriate conduit	Temperature range	
		For use with: Type PA / PR / PADL / PF		Static applications: -50°C to +120°C	
		IP40	Yes	Moving applications: -45°C to +120°C	
		IP65	Yes	Fitting characteristics	
		IP68	Yes (4 bar 30mins)		
		IP69	Yes		

Non-metallic conduit systems

Type T - Adaptalok ATS™

Type T- Adaptalok ATS™

3 Way 'T' piece / Materials: Polyamide (nylon) 66 / Colour: Black (BL), Grey (GR) / Yellow (Y) Elastomer

Nominal dimensions / Conduit size (mm)

		Part no.	A	B	C	D	E
	21T	AT211316/T	82	129	21	16	13
		AT211321/T	82	122	21	21	13
		AT211613/T	83	129	21	13	16
		AT211616/T	83	129	21	16	16
		AT211621/T	83	122	21	21	16
		AT212113/T	75	129	21	21	13
		AT211616/T	83	129	21	16	16
		AT212121/T	77	122	21	21	21
	28T	AT212821/T	82	152	21	21	28
		AT281321/T	88	141	28	21	13
		AT281328/T	88	129	28	28	13
		AT281621/T	90	141	28	21	16
		AT281628/T	90	129	28	28	16
		AT282121/T	93	141	28	21	21
		AT282128/T	93	129	28	28	21
		AT282828/T	82	129	28	28	28
	34T	AT341634/T	98	139	34	34	16
		AT342128/T	104	150	34	28	21
		AT342134/T	104	139	34	34	21
		AT343434/T	91	139	34	34	34

To order quote part number, body colour & Elastomer colour, e.g. AT211316/T/BLY

Approvals



IP rating

Appropriate conduit

For use with: Type PA / PR / PADL / PF

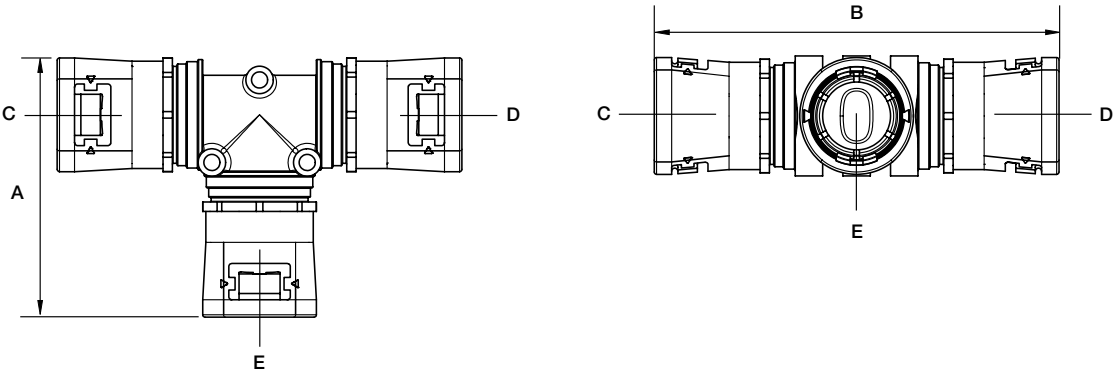
IP66	Yes
IP67	Yes
IP68	Yes (4 bar 30mins)
IP69	Yes

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Fitting characteristics



Non-metallic conduit systems

Type T - Adaptalok ATS™

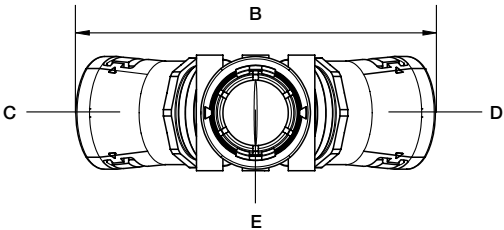
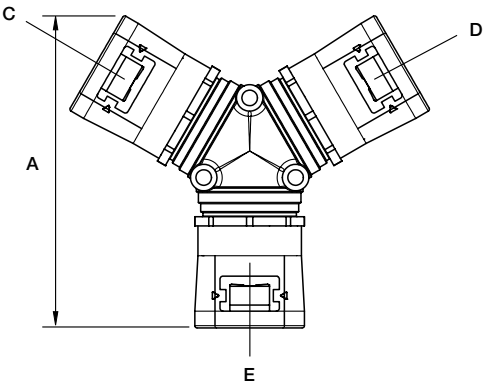
Type T- Adaptalok ATS™ 3 Way 'T' piece / Materials: Polyamide (nylon) 66, / Colour: Black (BL), Grey (GR) / Yellow (Y) Elastomer



		Nominal dimensions/conduit size (mm)				
	Part no.	A	B	C	D	E
28Y	AT282113/Y	107.1	117.8	28	21	13
	AT282116/Y	110.6	117.8	28	21	16
	AT282121/Y	116.4	129.9	28	21	21
	AT282813/Y	108.7	124.6	28	28	13
	AT282816/Y	112.2	124.6	28	28	16
	AT282821/Y	116.6	124.6	28	28	21
	AT282828/Y	165.0	119.0	28	28	28

To order quote part number, body colour & Elastomer colour, e.g. AT282113/Y/BLY

Approvals	IP rating	Appropriate conduit	Temperature range
   	For use with: Type PA / PR / PADL / PF		Static applications: -50°C to +120°C
	IP40	Yes	Moving applications: -45°C to +120°C
	IP65	Yes	Fitting characteristics 
	IP68	Yes (4 bar 30mins)	
	IP69	Yes	



Corrosion-resistant composite fittings

Introduction

Range overview - Corrosion-resistant composite fittings for light rail and applications in exposed areas.

—
01 Type PCC/PCF
- CS90 - 90° Elbow
fitting - Swivel
external male thread
—

02 Type PCC/PCF -
S45 - Composite 45°
elbow fitting - Swivel
external male thread

Offering reduced weight, enhanced strength providing and a smooth, unrestricted internal bore in demanding applications.

Typical applications:

- Areas of potential high impact
- Train bogies
- Areas where additional mechanical need to protect against damage
- Rail infrastructure
- Tracksides
- Machinery and equipment

Features:

- PCC - Coarse pitch conduit
- PCF - Fine pitch conduit
- Smooth through bore
- High strength and high impact resistance
- Full swivel function on elbow fittings
- Lightweight
- For insertion into threaded entries and knockouts using a locknut. Locknut supplied separately



Many of our conduit systems have industry recognised approvals including British Kitemark, CE Approval & UL amongst others.



—
01



—
02

Non-metallic conduit systems

Type PCC/PCF - A Type

Type PCC/PCF - A Type

Straight fitting - Fixed external male thread / Materials: Nickel plated brass, neoprene seals

Standard thread length			Short thread length		
Part no.	Nominal conduit size (mm)	Metric thread	Part no.	Nominal conduit size (mm)	Metric thread
PCF13/M16/A*	13	M16	PCF13/M16S/A*	13	M16S
PCF16/M16/A	16	M16	PCF16/M16S/A	16	M16S
PCF21/M20/A	21	M20	PCF21/M20S/A	21	M20S
PCC28/M25/A	28	M25	PCC28/M25S/A	28	M25S
PCC34/M32/A	34	M32	PCC34/M32S/A	34	M32S
PCC42/M40/A	42	M40	PCC42/M40S/A	42	M40S
PCC54/M50/A	54	M50	PCC54/M50S/A	54	M50S

For insertion into threaded entries and knockouts using a locknut. Locknut supplied separately

*These parts are not covered by the RU certification



Approvals



IP rating

Appropriate conduit

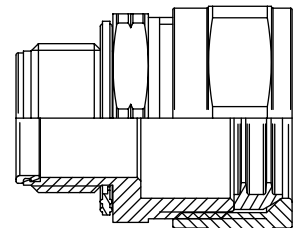
For use with: Type PA / CP / PR / PADL & PF

IP66	Yes
IP67	Yes
IP68	Yes (4 bar 30mins)
IP69	Yes

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C



Standard thread length

Non-metallic conduit systems

Type PCC/PCF - CS90

Type PCC/PCF - CS90

90° Elbow fitting - Swivel external male thread / Materials: Polyamide (nylon) 66, nickel plated brass, neoprene seals / Colour: Black (BL) Only

Standard thread length			Short thread length		
Part no.	Nominal conduit size (mm)	Metric thread	Part no.	Nominal conduit size (mm)	Metric thread
PCF13/M16/CS90*	13	M16	PCF13/M16S/CS90*	13	M16S
PCF16/M16/CS90	16	M16	PCF16/M16S/CS90	16	M16S
PCF21/M20/CS90	21	M20	PCF21/M20S/CS90	21	M20S
PCC28/M25/CS90	28	M25	PCC28/M25S/CS90	28	M25S
PCC34/M32/CS90	34	M32	PCC34/M32S/CS90	34	M32S
PCC42/M40/CS90	42	M40	PCC42/M40S/CS90	42	M40S
PCC54/M50/CS90	54	M50	PCC54/M50S/CS90	54	M50S

Housing to suit Jacob cable gland			Fitting complete with cable gland		
Part no.	Nominal conduit size (mm)	Metric thread	Part no.	Nominal conduit size (mm)	Metric thread
PCF13/M16/CS90/J*	13	M16	PCF13/M16/S45/JRL*	13	M16
PCF16/M16/CS90/J	16	M16	PCF16/M16/S45/JRL	16	M16
PCF21/M20/CS90/J	21	M20	PCF21/M20/S45/JRL	21	M20
PCC28/M25/CS90/J	28	M25	PCC28/M25/S45/JRL	28	M25
PCC34/M32/CS90/J	34	M32	PCC34/M32/S45/JRL	34	M32
PCC42/M40/CS90/J	42	M40	PCC42/M40/S45/JRL	42	M40
PCC54/M50/CS90/J	54	M50	PCC54/M50/S45/JRL	54	M50
			PCF21/M20/S45/JLL	21	M20
			PCC28/M25/S45/JLL	28	M25
			PCC34/M32/S45/JLL	34	M32
			PCC42/M40/S45/JLL	42	M40
			PCC54/M50/S45/JLL	54	M50

For insertion into threaded entries and knockouts using a locknut. Locknut supplied separately
To order quote part number, body colour & Elastomer colour, e.g. AT16/U063/CSF90/BLB

Approvals



IP rating

Appropriate conduit

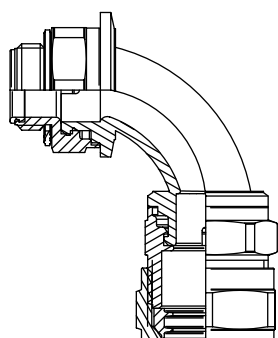
For use with: Type PA / CP / PR / PADL & PF

IP66	Yes
IP67	Yes
IP68	Yes (4 bar 30mins)
IP69	Yes

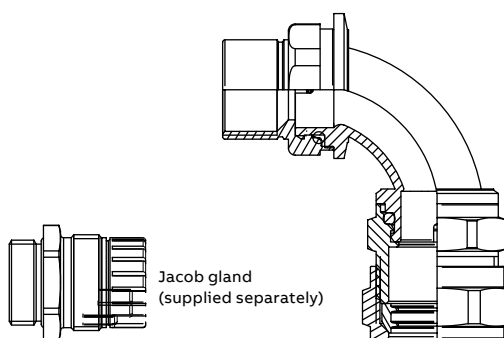
Temperature range

Static applications: -50°C to +120°C
Moving applications: -45°C to +120°C

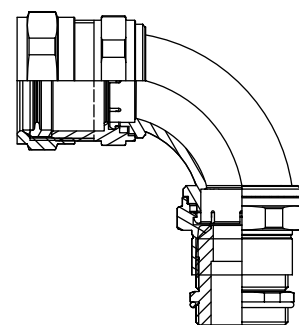
Fitting characteristics



Standard thread length



Housing to suit Jacob cable gland



Fitting complete with cable gland

Non-metallic conduit systems

Type PCC/PCF - S45

Type PCC/PCF - S45

Composite 45° elbow fitting - Swivel external male thread / Materials: Polyamide (nylon) 66, nickel plated brass, neoprene seals / Colour: Black (BL) Only



Standard thread length

Part no.	Nominal conduit size (mm)	Metric thread
PCF13/M16/S45*	13	M16
PCF16/M16/S45	16	M16
PCF21/M20/S45	21	M20
PCC28/M25/S45	28	M25
PCC34/M32/S45	34	M32
PCC42/M40/S45	42	M40
PCC54/M50/S45	54	M50

Housing to suit Jacob cable gland

Part no.	Nominal conduit size (mm)	Metric thread
PCF13/M16/S45/J*	13	M16
PCF16/M16/S45/J	16	M16
PCF21/M20/S45/J	21	M20
PCC28/M25/S45/J	28	M25
PCC34/M32/S45/J	34	M32
PCC42/M40/S45/J	42	M40
PCC54/M50/S45/J	54	M50

Short thread length

Part no.	Nominal conduit size (mm)	Metric thread
PCF13/M16S/S45*	13	M16S
PCF16/M16S/S45	16	M16S
PCF21/M20S/S45	21	M20S
PCC28/M25S/S45	28	M25S
PCC34/M32S/S45	34	M32S
PCC42/M40S/S45	42	M40S
PCC54/M50S/S45	54	M50S

Fitting complete with cable gland

Part no.	Nominal conduit size (mm)	Metric thread
PCF13/M16/S45/JRL*	13	M16
PCF16/M16/S45/JRL	16	M16
PCF21/M20/S45/JRL	21	M20
PCC28/M25/S45/JRL	28	M25
PCC34/M32/S45/JRL	34	M32
PCC42/M40/S45/JRL	42	M40
PCC54/M50/S45/JRL	54	M50
PCF21/M20/S45/JLL	21	M20
PCC28/M25/S45/JLL	28	M25
PCC34/M32/S45/JLL	34	M32
PCC42/M40/S45/JLL	42	M40
PCC54/M50/S45/JLL	54	M50

For insertion into threaded entries and knockouts using a locknut. Locknut supplied separately

To order quote part number & body colour, e.g. PCF13/M16/S45/BL

*These parts are not covered by the RU certification

Approvals



IP rating

Appropriate conduit

For use with: Type PA / CP / PR / PADL & PF

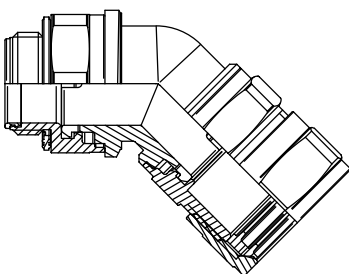
IP66	Yes
IP67	Yes
IP68	Yes (4 bar 30mins)
IP69	Yes

Temperature range

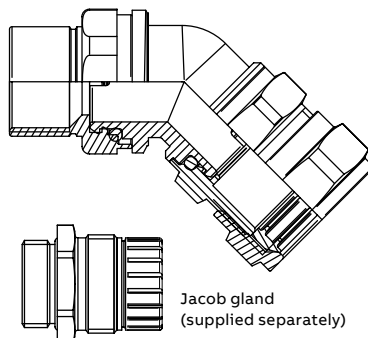
Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

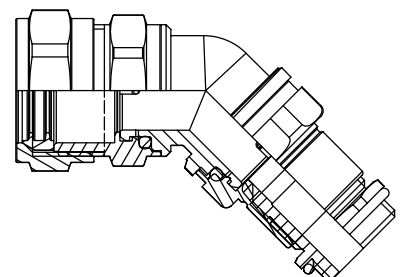
Fitting characteristics



Standard thread length



Housing to suit Jacob cable gland



Fitting complete with cable gland

Non-metallic conduit systems

Type A & C90 - Adaptaseal

Type A - Adaptaseal

Straight fitting - Fixed external male thread / Materials: Polyamide (nylon) 66 /
Colour: Black (BL), Grey (GR)

	Part no.	Nominal conduit size (mm)	Metric thread		Part no.	Nominal conduit size (mm)	PG thread
	ASF10/M16/A	10	M16		ASF10/PG9/A	10	PG9
	ASF13/M16/A	13	M16		ASF13/PG9/A	13	PG9
	ASF16/M16/A	16	M16		ASF16/PG11/A	16	PG11
	ASF16/M20/A	16	M20		ASF16/PG13/A	16	PG13,5
	ASF21/M20/A	21	M20		ASF21/PG16/A	21	PG16
	ASC21/M20/A	21	M20		ASC21/PG16/A	21	PG16
	ASF28/M25/A	28	M25		ASF28/PG21/A	28	PG21
	ASC28/M25/A	28	M25		ASC28/PG21/A	28	PG21
	ASF34/M32/A	34	M32		ASF34/PG29/A	34	PG29
	ASC34/M32/A	34	M32		ASC34/PG29/A	34	PG29
	ASC42/M40/A	42	M40		ASC42/PG36/A	42	PG36
	ASC54/M50/A	54	M50		ASC54/PG48/A	54	PG48

For insertion into knockouts using a locknut. Locknut supplied with METRIC THREAD ONLY

To order quote part number & body colour, e.g. ASF10/M16/A/BL

PF & NPT thread sizes available

Approvals



IP rating

Appropriate conduit

For use with: Type PA / CP / PR / PF

IP66 Yes

IP67 Yes

IP68 Yes (2 bar 30mins)

IP69 Yes

Temperature range

Static applications: -40°C to +120°C

Moving applications: -5°C to +120°C

Type C90 - Adaptaseal

90° Elbow fitting - Fixed external male thread / Materials: Polyamide (nylon) 66 /
Colour: Black (BL), Grey (GR)

	Part no.	Nominal conduit size (mm)	Metric thread		Part no.	Nominal conduit size (mm)	PG Thread
	ASF10/M16/C90	10	M16		ASF10/PG9/C90	10	PG9
	ASF13/M16/C90	13	M16		ASF13/PG9/C90	13	PG9
	ASF16/M16/C90	16	M16		ASF16/PG11/C90	16	PG11
	ASF16/M20/C90	16	M20		ASF16/PG13/C90	16	PG13,5
	ASF21/M20/C90	21	M20		ASF21/PG16/C90	21	PG16
	ASC21/M20/C90	21	M20		ASC21/PG16/C90	21	PG16
	ASF28/M25/C90	28	M25		ASF28/PG21/C90	28	PG21
	ASC28/M25/C90	28	M25		ASC28/PG21/C90	28	PG21
	ASF34/M32/C90	34	M32		ASF34/PG29/C90	34	PG29
	ASC34/M32/C90	34	M32		ASC34/PG29/C90	34	PG29
	ASC42/M40/C90	42	M40		ASC42/PG36/C90	42	PG36
	ASC54/M50/C90	54	M50		ASC54/PG48/C90	54	PG48

For insertion into knockouts using a locknut. Locknut supplied with METRIC THREAD ONLY

To order quote part number & body colour, e.g. ASF10/M16/C90/BL

PF & NPT thread sizes available

Approvals



IP rating

Appropriate conduit

For use with: Type PA / CP / PR / PF

IP66 Yes

IP67 Yes

IP68 Yes (2 bar 30mins)

IP69 Yes

Temperature range

Static applications: -40°C to +120°C

Moving applications: -5°C to +120°C

Non-metallic conduit systems

Type FLC90/FL90 & T - Adaptaseal

Type FLC90/FL90 - Adaptaseal

90° Elbow body - Panel mount swivel flange / Materials: Polyamide (nylon) 66/TPE /
Colour: Black (BL) Only / Yellow (Y), Blue (B) Elastomer

	Part no.	Nominal conduit size (mm)	
	ASF13/FL/C90		13
	ASF16/FL/C90		16
	ASF21/FL/C90		21
	ASC21/FL/C90		21
	ASF28/FL/C90		28
	ASC28/FL/C90		28
	ASF34/FL/90*		34
	ASC34/FL/90*		34
	ASC42/FL/90*		42
	ASC54/FL/90*		54

For panel mounting via 2/4 hole fixing & integral face seal
To order quote part number & body colour, e.g. ASF13/FL/C90/BL
*These sizes are fixed panel mounting - non swivel

Approvals	IP rating	Appropriate conduit	Temperature range
 	For use with: Type PA / CP / PR / PF		Static applications: -40°C to +120°C
	IP66	Yes	Moving applications: -5°C to +120°C
	IP67	Yes	
	IP68	Yes (2 bar 30mins)	
	IP69	Yes	

Type T - Adaptaseal

Inspection T-piece / Materials: Polyamide (nylon) 66 / Colour: Black (BL) Only

	Part no.	Nominal conduit size (mm)	
	ASF10X3/T		10
	ASF13X3/T		13
	ASF16X3/T		16
	ASF21X3/T		21
	ASC21X3/T		21
	ASF28X3/T		28
	ASC28X3/T		28
	ASF34X3/T		34
	ASC34X3/T		34

For connection to corrugated flexible conduit
To order quote part number & body colour, e.g. ASF10X3/T/BL

Approvals	IP rating	Appropriate conduit	Temperature range
 	For use with: Type PA / CP / PR / PF		Static applications: -40°C to +120°C
	IP66	Yes	Moving applications: -5°C to +120°C
	IP67	Yes	
	IP68	N/A	
	IP69	N/A	

Non-metallic conduit systems

Type RK & AWB - Adaptaseal

Type RK - Adaptaseal

Reducing kit / Materials: Polyamide (nylon) 66 & neoprene rubber / Colour: Black (BL) Only

	Nominal conduit size (mm)	Conduit pitch						Part no.
			Reducing to conduit size 10	Reducing to conduit size 13	Reducing to conduit size 16	Reducing to conduit size 21	Reducing to conduit size 28	Reducing to conduit size 28
	10	Fine	-	-	-	-	-	-
	13	Fine	RK13-10	-	-	-	-	-
	16	Fine	RK16-10	RK16-13	-	-	-	-
	21	Fine	RK21-10	RK21-13	RK21-16	-	-	-
	21	Coarse	RK21-10	RK21-13	RK21-16	-	-	-
	28	Fine	-	RK28-13	RK28-16	RK28-21	-	-
	28	Coarse	-	RK28-13	RK28-16	RK28-21	-	-
	34	Fine	-	-	-	RK34-21	RK34-28	-
	34	Coarse	-	-	-	RK34-21	RK34-28	-

For connection to a reduced conduit size

To order quote part number, e.g. RK13-10/BL

Approvals



IP rating

Appropriate conduit

For use with: Type PA / CP / PR / PF

IP66	Yes
IP67	Yes
IP68	Yes (2 bar 30mins)
IP69	Yes

Temperature range

Static applications: -40°C to +120°C

Moving applications: -5°C to +120°C

Type AWB - Adaptaseal

Anti-vibration washer / Materials: Acetal (POM) / Colour: Black (BL) Only

	Part no.	Nominal conduit size (mm)
	AWB13	13
	AWB16	16
	AWB21	21
	AWB28	28
	AWB34	34

Prevents fitting loosening under vibration

Non-metallic conduit systems

Type A & C90 - Adaptaring

Type A - Adaptaring

Straight fitting - Fixed external male thread / Materials: Polyamide (nylon) 66 & acetal (POM) / Colour: Black (BL) Only

	Part no.	Nominal conduit size (mm)		Metric thread	Part no.	Nominal conduit size (mm)		PG thread
	AR13/M16/A	13		M16	AR13/PG9/A	13		PG9
	AR16/M16/A	16		M16	AR16/PG11/A	16		PG11
	AR16/M20/A	16		M20	AR16/PG13/A	16		PG13,5
	AR21/M20/A	21		M20	AR21/PG16/A	21		PG16
	AR28/M25/A	28		M25	AR28/PG21/A	28		PG21
	AR34/M32/A	34		M32	AR34/PG29/A	34		PG29
	AR42/M40/A	42		M40	AR42/PG36/A	42		PG36
	AR54/M50/A	54		M50	AR54/PG48/A	54		PG48
For insertion into threaded entries & knockouts. Locknut supplied with METRIC THREAD ONLY								
To order quote part number, e.g. AR21/M20/A/BL								
PF & NPT thread sizes available								

Approvals



IP rating

Appropriate conduit

For use with: Type PA / CP / PR / PF

IP40	Yes
IP65	N/A
IP66	N/A
IP67	N/A
IP68	N/A
IP69	N/A

Temperature range

Static applications: -40°C to +120°C

Moving applications: -5°C to +120°C

Fitting characteristics



Type C90 - Adaptaring

90° Elbow fitting - Fixed external male thread / Materials: Polyamide (nylon) 66, nickel plated brass thread/TPE Colour: Black (BL), Grey (GR) / Yellow (Y) Elastomer

	Part no.	Nominal conduit size (mm)		Metric thread
	AR13/M16/C90	13		M16
	AR16/M16/C90	16		M16
	AR16/M20/C90	16		M20
	AR21/M20/C90	21		M20
	AR28/M25/C90	28		M25
	AR34/M32/C90	34		M32
	AR42/M40/C90	42		M40
	AR54/M50/C90	54		M50
For insertion into knockouts. Locknut supplied with METRIC THREAD ONLY				
To order quote part number & body colour, e.g. AR21/M20/C90/BL				
PF & NPT thread sizes available				

Approvals



IP rating

Appropriate conduit

For use with: Type PA / CP / PR / PF

IP40	Yes
IP65	N/A
IP66	N/A
IP67	N/A
IP68	N/A
IP69	N/A

Temperature range

Static applications: -40°C to +120°C

Moving applications: -5°C to +120°C

Fitting characteristics



Non-metallic conduit systems

Type T & AWB - Adapting

Type T - Adapting

Rotational inspection T-piece / Materials: Polyamide (nylon) 66 & neoprene rubber / Colour: Black (BL) Only

	Part no.	Nominal conduit size (mm)
	AR13X3/T	13
	AR16X3/T	16
	AR21X3/T	21
	AR28X3/T	28
	AR34X3/T	34
	For connection to corrugated flexible conduit To order quote part number, e.g. AR13X3/T/BL	

Approvals	IP rating	Appropriate conduit	Temperature range	
 	For use with: Type PA / CP / PR / PF		Static applications: -40°C to +120°C	
	IP40	Yes	Moving applications: -5°C to +120°C	
	IP65	N/A	Fitting characteristics	
	IP66	N/A		
	IP67	N/A		
	IP68	N/A		
	IP69	N/A		

Type AWB - Adapting

Anti-vibration washer / Materials: Acetal (POM) / Colour: Black (BL) Only

	Part no.	Nominal conduit size (mm)
	AWB13	13
	AWB16	16
	AWB21	21
	AWB28	28
	AWB34	34
	Prevents fitting loosening under vibration	

Non-metallic conduit systems

Type KF - Korifit

Type KF - Korifit

Lightweight conduit / Materials: PVCu / Colour: Grey (GR) Only

Part no.	Nominal conduit size (mm)	NW conduit size (mm)	Conduit pitch	Outside diameter (mm)	Inside diameter (mm)	Min. bend radius (mm)	Reel length (m)
KFL16	16	13	Fine	15.8	12.1	25	50
KFL20	20	17	Fine	19.8	14.5	30	50
KFL25	25	22	Fine	24.8	19.9	40	50

To order quote part number, colour & reel length, e.g. KFL16/GR/50M



Type KF - Korifit

Standard weight conduit / Materials: PVCu / Colour: White (W) Only

Part no.	Nominal conduit size (mm)	NW conduit size (mm)	Conduit pitch	Outside diameter (mm)	Inside diameter (mm)	Min. bend radius (mm)	Reel length (m)
KFS16	16	13	Fine	15.8	11.9	25	50
KFS20	20	17	Fine	19.8	14.3	30	50
KFS25	25	22	Fine	24.8	19.7	40	50

To order quote part number, colour & reel length, e.g. KFS16/GR/50M



Type KF - Korifit

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

Part no.	Nominal conduit size (mm)	NW conduit size (mm)	Conduit pitch	Outside diameter (mm)	Inside diameter (mm)	Min. bend radius (mm)	Reel length (m)
KFM16	16	13	Fine	15.8	11.9	25	50
KFM20	20	17	Fine	19.8	14.3	30	50
KFM25	25	22	Fine	24.8	19.7	40	50

To order quote part number, colour & reel length, e.g. KFS16/GR/50M



Approvals



IP rating

Appropriate fitting

For use with: Korifit KC & KF

IP40	Korifit KC
IP65	Korifit KC
IP66	N/A
IP67	N/A
IP68	N/A
IP69	N/A

Temperature range

Static applications: -5°C to +60°C

Moving applications: -5°C to +60°C

Flexibility & fatigue life

Pliable - Low fatigue life

Fire performance & EMI screen

Self extinguishing

UV resistance

High

Non-metallic conduit systems

Type KC/A & KC/C90 - Korifit

Type KC/A - Korifit

Straight fitting - Fixed external male thread / Materials: Polyamide (nylon) 66 /
Colour: Black (BL), Grey (GR), White (W)

	Part no.	Nominal conduit size (mm)	Metric thread
	KC16/M16/A	16	M16
	KC16/M20/A	16	M20
	KC20/M20/A	20	M20
	KC25/M25/A	20	M25
For insertion into threaded entries & knockouts. Locknut supplied To order quote part number & body colour, e.g. KC16/M16/A/BL			

Approvals	IP rating	Appropriate conduit	Temperature range	
 	For use with: Korifit Type KF		Static applications: -5°C to +60°C	
	IP40	Yes	Moving applications: -5°C to +60°C	
	IP65	N/A	Fitting characteristics	
	IP66	N/A		
	IP67	N/A		
	IP68	N/A		
	IP69	N/A		

Type KC/C90 - Korifit

90° Elbow fitting - Fixed external male thread / Materials: Polyamide (nylon) 66 /
Colour: Black (BL) Only

	Part no.	Nominal conduit size (mm)	Metric thread
	KC16/M16/C90	16	M16
	KC20/M20/C90	20	M20
	KC25/M25/C90	25	M25
For insertion into threaded entries & knockouts. Locknut supplied To order quote part number & body colour, e.g. KC16/M16/C90/BL			

Approvals	IP rating	Appropriate conduit	Temperature range	
 	For use with: Korifit Type KF		Static applications: -5°C to +60°C	
	IP40	Yes	Moving applications: -5°C to +60°C	
	IP65	N/A	Fitting characteristics	
	IP66	N/A		
	IP67	N/A		
	IP68	N/A		
	IP69	N/A		

Non-metallic conduit systems

Type KF/A & Coupler - Korifit

Type KF/A - Korifit

Straight fitting - Fixed external male thread / Materials: Polyamide (nylon) 66 /
Colour: Black (BL), Grey (GR), White (W)

	Part no.	Nominal conduit size (mm)	Metric thread
	KF16/M16/A	16	M16
	KF16/M20/A	16	M20
	KF20/M20/A	20	M20
	KF25/M25/A	25	M25

For insertion into threaded entries & knockouts. Locknut supplied
To order quote part number & body colour, e.g. KF16/M16/A/BL

Approvals		IP rating	Appropriate conduit	Temperature range
 KM35161	 LOW VOLTAGE DERIVATIVE	For use with: Korifit Type KF		Static applications: -5°C to +60°C
		IP40	Yes	Moving applications: -5°C to +60°C
		IP65	N/A	Fitting characteristics
		IP66	N/A	
		IP67	N/A	
		IP68	N/A	
		IP69	N/A	



Coupler - Korifit

Straight one piece coupler / Materials: Polyamide (nylon) 66 / Colour: White (W) Only

	Part no.	Nominal conduit size (mm)	NW conduit size (mm)
	KF2020	20	17
	For coupling two corrugated flexible conduits		
	To order quote part number & body colour, e.g. KF2020/W		

Approvals	IP rating	Appropriate conduit	Temperature range
 	For use with: Korifit Type KF		Static applications: -5°C to +60°C
	IP40	N/A	Moving applications: -5°C to +60°C
	IP65	Yes	
	IP66	N/A	
	IP67	N/A	
	IP68	N/A	
	IP69	N/A	

Non-metallic conduit systems

Polypropylene Type PP & PPA - Adaptalok

Polypropylene Type PP - Adaptalok

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

	Part no.	Nominal conduit size (mm)	NW conduit size (mm)	Outside diameter (mm)	Inside diameter (mm)	Min. bend radius (mm)	Reel length (m)
	PPFM13	13	10	13.0	9.8	5	50
	PPFM16	16	13	15.8	12.1	35	50
	PPFM21	21	17	21.2	16.8	40	50
	PPFM28	28	23	28.5	23.1	60	50
	PPFM34	34	29	34.5	29.1	50	50

To order quote part number, colour & reel length, e.g. PPFM16/BL/50M

Approvals	IP rating	Appropriate fitting	Temperature range	UV resistance
	For use with: Polypropylene Type PPA		Static applications: -20°C to +90°C	Medium
	IP40	N/A	Moving applications: -5°C to +105°C	
	IP65	N/A	Flexibility & fatigue life	High flexibility - Medium fatigue life
	IP66	Polypropylene Type PPA		
	IP67	N/A		
	IP68	N/A		
	IP69	N/A		

Polypropylene Type PPA - Adaptalok

Straight fitting - Fixed external male thread / Materials: Polypropylene / Colour: Black (BL) Only

	Part no.	Nominal conduit size (mm)	Metric thread
	AL13/M16/PPA	13	M16
	AL16/M16/PPA	16	M16
	AL21/M20/PPA	21	M20
	AL28/M25/PPA	28	M25
	AL34/M32/PPA	34	M32

For insertion into knockouts using locknuts. Locknuts supplied

To order quote part number & body colour, e.g. AL21/M20/PPA/BL

Approvals		IP rating	Appropriate conduit	Temperature range
 KMS5161	 LOW VOLTAGE DIRECTIVE	For use with: Polypropylene Type PP		Static applications: -20°C to +90°C
		IP40	N/A	Moving applications: -5°C to +105°C
		IP65	N/A	Fitting characteristics
		IP66	Yes	
		IP67	N/A	
		IP68	N/A	
		IP69	N/A	



Non-metallic conduit systems

PVC Type XF & RF - Xtraflex / RF

PVC Type XF - Xtraflex

Standard weight conduit / Materials: PVCu spiral with plasticised PVC covering / Colour: Black (BL) Only

	Part no.	Nominal conduit size (mm)	Outside diameter (mm)	Inside diameter (mm)	Min. bend radius (mm)	Reel length (m)
	XF12	12	14.5	10	25	30
	XF16	16	16.5	12	30	30
	XF20	20	20.5	16	35	30
	XF25	25	27.5	22	50	30
	XF32	32	33.5	28	60	30
	XF40	40	44.0	38	80	30
	XF50	50	57.5	50	105	30

To order quote part number & reel length, e.g. XF16/30M

Approvals	IP rating	Appropriate fitting	Temperature range	UV resistance
	For use with: Type XF		Static applications: -5°C to +60°C	High
	IP40	N/A	Moving applications: -5°C to +60°C	
	IP65	Type XF	Flexibility & fatigue life	
	IP66	N/A	Very high flexibility - Medium fatigue life	
	IP67	N/A	Fire performance & EMI screen	
	IP68	N/A	Self extinguishing	
	IP69	N/A		

PVC Type RF - RF

Heavyweight conduit - smooth bore / Materials: PVCu spiral with plasticised PVC covering / Colour: Black (BL), Grey (GR)

	Part no.	Nominal conduit size (mm)	Outside diameter (mm)	Inside diameter (mm)	Min. bend radius (mm)	Reel length (m)
	RF12	12	14.5	10	25	30
	RF16	16	16.5	12	30	30
	RF20	20	20.5	16	35	30
	RF25	25	27.5	22	50	30
	RF32	32	33.5	28	60	30

To order quote part number, colour & reel length, e.g. RF16/BL/30M

Approvals	IP rating	Appropriate fitting	Temperature range	UV resistance
	For use with: Type RF		Static applications: -20°C to +60°C	High
	IP40	N/A	Moving applications: -5°C to +60°C	
	IP65	N/A	Flexibility & fatigue life	
	IP66	N/A	Medium flexibility - Medium fatigue life	
	IP67	Type RF	Fire performance & EMI screen	
	IP68	N/A	Self extinguishing	
	IP69	N/A		

Non-metallic conduit systems

PVC Type A & C90 - XF

Type A - XF

Straight fitting - Fixed external male thread / Materials: Polyamide (nylon) 66 / Colour: Black (BL) Only

	Part no.	Nominal conduit size	
		(mm)	Metric thread
	XF12/M16/D	12	M16
	XF16/M16/D	16	M16
	XF16/M20/D	16	M20
	XF20/M20/D	20	M20
	XF25/M25/D	25	M25
	XF32/M32/D	32	M32
	XF40/M40/D	40	M40
	XF50/M50/D	50	M50
For insertion into threaded entries & knockouts. Locknuts supplied with METRIC THREAD ONLY			
To order quote part number, e.g. XF16/M16/D			

Approvals	IP rating	Appropriate conduit	Temperature range
	For use with: Xtraflex Type XF		Static applications: -5°C to +60°C
	IP40	N/A	Moving applications: -5°C to +60°C
	IP65	Yes	Fitting characteristics
	IP66	N/A	
	IP67	N/A	
	IP68	N/A	
	IP69	N/A	



Type C90 - XF

90° Elbow fitting - Fixed external male thread / Materials: Polyamide (nylon) 66 / Colour: Black (BL) Only

	Part no.	Nominal conduit size	
		(mm)	Metric thread
	XF16/M16/C90	16	M16
	XF20/M20/C90	20	M20
	XF25/M25/C90	25	M25
	XF32/M32/C90	32	M32
For insertion into knockouts. Locknuts supplied with METRIC THREAD ONLY			
To order quote part number, e.g. XF16/M16/C90			

Approvals	IP rating	Appropriate conduit	Temperature range
	For use with: Xtraflex Type XF		Static applications: -5°C to +60°C
	IP40	Yes	Moving applications: -5°C to +60°C
	IP65	N/A	
	IP66	N/A	
	IP67	N/A	
	IP68	N/A	
	IP69	N/A	

Non-metallic conduit systems

PVC Type A & C90 - RF

Type A - RF

Straight fitting - Fixed external male thread / Materials: Polyamide (nylon) 66 / Colour: Black (BL) Only

	Part no.	Nominal conduit size (mm)	Metric thread
	RF12/M16/A	12	M16
	RF16/M16/A	16	M16
	RF16/M20/A	16	M20
	RF20/M20/A	20	M20
	RF25/M25/A	25	M25
	RF32/M32/A	32	M32

For insertion into threaded entries & knockouts. Locknuts supplied with METRIC THREAD ONLY
To order quote part number, e.g. RF16/M16/C90

Approvals	IP rating	Appropriate conduit	Temperature range
 LOW VOLTAGE DERIVATIVE	For use with: Xtraflex Type XF		Static applications: -5°C to +60°C
	IP40	N/A	Moving applications: -5°C to +60°C
	IP65	Yes	Fitting characteristics 
	IP66	N/A	
	IP67	N/A	
	IP68	N/A	
	IP69	N/A	

Type C90 - RF

90° Elbow fitting - Fixed external male thread / Materials: Polyamide (nylon) 66 / Colour: Black (BL) Only

	Part no.	Nominal conduit size (mm)	Metric thread
	RF16/M16/C90	16	M16
	RF20/M20/C90	20	M20
	RF25/M25/C90	25	M25
	RF32/M32/C90	32	M32

For insertion into knockouts. Locknuts supplied with METRIC THREAD ONLY
To order quote part number, e.g. RF16/M16/C90

Approvals	IP rating	Appropriate conduit	Temperature range
	For use with: Xtraflex Type RF		Static applications: -5°C to +60°C
	IP40	N/A	Moving applications: -5°C to +60°C
	IP65	N/A	
	IP66	N/A	
	IP67	Yes	
	IP68	N/A	
	IP69	N/A	

Non-metallic conduit systems

Accessories - Type LNP, SW & AC

Type LNP

Nylon locknuts / Materials: Polyamide (nylon) 6 / Colour: Black (BL), Grey (GR)

	Part no.			Metric thread	Part no.			PG thread
	Black	Grey			Black	Grey		
	LNPB/M12	–		M12	LNPB/PG7	LNPG/PG7		PG7
	LNPB/M16	LNPG/M16		M16	LNPB/PG9	LNPG/PG9		PG9
	LNPB/M20	LNPG/M20		M20	LNPB/PG11	LNPG/PG11		PG11
	LNPB/M25	LNPG/M25		M25	LNPB/PG13	LNPG/PG13		PG13
	LNPB/M32	LNPG/M32		M32	LNPB/PG16	LNPG/PG16		PG16
	LNPB/M40	LNPG/M40		M40	LNPB/PG21	LNPG/PG21		PG21
	LNPB/M50	LNPG/M50		M50	LNPB/PG29	LNPG/PG29		PG29
	LNPB/M63	LNPG/M63		M63	LNPB/PG36	LNPG/PG36		PG36
					LNPB/PG42	LNPG/PG42		PG42
					LNPB/PG48	LNPG/PG48		PG48

Type SW

Thread sealing washer / Colour: Black (BL), Grey (GR)

	Part no.		Metric thread	Part no.		PG thread	Part no.		NPT & PF thread
	SWM12*		M12	SWPG07		PG07	SW038		3/8"
	SWM16		M16	SWPG09		PG09	SW050		1/2"
	SWM20		M20	SWPG11		PG11	SW075		3/4"
	SWM25		M25	SWPG13		PG13	SW100		1"
	SWM32		M32	SWPG16		PG16	SW125		1 1/4"
	SWM40		M40	SWPG21		PG21	SW150		1 1/2"
	SWM50		M50	SWPG29		PG29	SW200		2"
	SWM63		M63	SWPG36		PG36			

TPE - For use with Nylon threaded fittings. Nylon - For use with swivel metal threaded fittings

To order quote part number & body colour, TPE Black only, e.g. SWM12,

Nylon (N) - Black (BL), Blue (B) & Yellow (Y) Metric and NPT threads only, e.g. SWM32NB

*Not available in Nylon

Type AC

Conduit clips / Materials: Polyamide (nylon) 66, Impact modified nylon - ST version only / Colour: Black (BL), Grey (GR)

	Part no.			Nominal conduit size (mm)
	Black	Grey	Impact modified (black only)	
	ACB10	ACG10		10
	ACB13	ACG13	ACB13/ST	13
	ACB16	ACG16	ACB16/ST	16
	ACB21	ACG21	ACB21/ST	21
	ACB28	ACG28	ACB28/ST	28
	ACB34	ACG34	ACB34/ST	34
	ACB42	ACG42	ACB42/ST	42
	ACB54	ACG54	ACB54/ST	54
	With integral lid			

Non-metallic conduit systems

Accessories - Type GZ, EC & RT

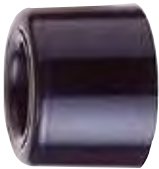
Type GZ

End sleeves / Materials: Polyamide (nylon) 66 / Colour: Black (BL) Only

	Part no.	Nominal conduit size (mm)
	GZ9	13
	GZ11	16
	GZ13	21
	GZ21	28
	GZ29	34
	GZ36	42
	For sealing cables to non-metallic conduit	

Type EC

End caps / Materials: Acetal (POM) / Colour: Black (BL) Only

	Part no.	Nominal conduit size (mm)
	ECB13	13
	ECB16	16
	ECB21	21
	ECB28	28
	ECB34	34
	ECB42	42
	ECB54	54
	Provides a smooth finish to conduit preventing any damage to cables when not terminated with a fitting	

Type RT

Adaptalok removal tool / Materials: Polyamide (nylon) 6 / Colour: Black (BL) Only

	Part no.	Adaptalok fitting size (mm)
	AL13RT	13
	AL16RT	16
	AL21RT	21
	AL28RT	28
	AL34RT	34
	AL42RT	42
	AL54RT	54
	To provide easy removal of Adaptalok & ATS Fittings	
	NOTE: For a 13-34mm set use part number ALRTSET	

Non-metallic conduit systems

Accessories - Type MB

Type MB

Manifold box - Multiway adapters / Materials: Polyamide (nylon) 66/TPE /
Colour: Black (BL) Only / Yellow (Y) Elastomer

	Part no.	External dimensions lid dia. X height (mm)	External dimensions fixing lugs (mm)	Max threaded entry per face
	MB21	100 x 40	120	M20
	MB34	136 x 55	155	M32



Non metallic enclosure which can be machined to take upto eight Adaptalok ATS™ fittings
To order quote part number, body colour & Elastomer colour, e.g. MB21/BLY
Non metallic enclosure which can be machined to take upto eight Adaptalok ATS™ fittings (or other devices) in a variety of configurations and sizes, e.g. 'Y', 'T', 'X', 'V' etc.
Each box has a removable cover for ease of access. The box seal is moulded, so remains captive. Each manifold is provided with eight blank sides which require drilling/machining to suit the application. Manifolds can be supplied ready drilled to order, subject to minimum order quantities. Threaded fittings with locknuts can be used in each entry.

Approvals	IP rating	Appropriate conduit	Temperature range	UV resistance
	For use with: All threaded fittings in this catalogue		Static applications: -50°C to +120°C	Very high
			Moving applications: -45°C to +120°C	
	IP66	Yes		
	IP67	Yes		
	IP68	Yes (2 bar 30mins)		
	IP69	Yes		

Non-metallic conduit systems

Accessories - Type T, Hinged 'T' Piece

Type T

Hinged 'T' piece / Materials: Polyamide (nylon) 66 / Colour: Black (BL)

		Nominal dimensions / conduit size (mm)					
	Part no.	A	B	C	D	E	
	10T	T101010/BL	45.2	31.1	10	10	10
		T101310/BL	45.2	31.1	10	13	10
		T101613/BL	45.2	31.1	10	16	13
	13T	T131010/BL	45.2	31.1	13	10	10
		T131013/BL	45.2	31.1	13	10	13
		T131310/BL	45.2	31.1	13	13	10
		T131313/BL	45.2	31.1	13	13	13
		T131613/BL	45.2	31.1	13	16	13
	16T	T161013/BL	49.1	34.8	16	10	13
		T161313/BL	49.1	34.8	16	13	13
		T161316/BL	49.1	34.8	16	13	16
		T161613/BL	49.1	34.8	16	16	13
		T161616/BL	49.1	34.8	16	16	16
		T162113/BL	49.1	34.8	16	21	13
		T162116/BL	49.1	34.8	16	21	16
	21T	T211016/BL	56.5	41.0	21	10	16
		T211021/BL	56.5	41.0	21	10	21
		T211316/BL	56.5	41.0	21	13	16
		T211321/BL	56.5	41.0	21	13	21
		T211613/BL	56.5	41.0	21	16	13
		T211616/BL	56.5	41.0	21	16	16
		T211621/BL	56.5	41.0	21	16	21
		T212113/BL	56.5	41.0	21	21	13
		T212116/BL	56.5	41.0	21	21	16
		T212121/BL	56.5	41.0	21	21	21
	28T	T281021/BL	64.5	48.5	28	10	21
		T281028/BL	64.5	48.6	28	10	28
		T281321/BL	64.5	48.6	28	13	21
		T281328/BL	64.5	48.6	28	13	28
		T281621/BL	64.5	48.6	28	16	21
		T281628/BL	64.5	48.6	28	16	28
		T282121/BL	64.5	48.6	28	21	21
		T282128/BL	64.5	48.6	28	21	28
		T282828/BL	64.5	48.6	28	28	28
	34T	T341634/BL	72.0	55.3	34	16	34
		T342128/BL	72.0	55.3	34	21	28
		T342134/BL	72.0	55.3	34	21	34
		T343434/BL	72.0	55.3	34	34	34

Approvals



IP rating

Appropriate conduit

For use with: Type PA / PR / PF

IP40	Yes
IP65	N/A
IP66	N/A
IP67	N/A
IP68	N/A
IP69	N/A

Temperature range

Static applications: -40°C to +120°C

Moving applications: -5°C to +120°C

Fitting characteristics

Snap fit

Non-metallic conduit systems

Accessories - Type Y, hinged 'Y' piece

Type T

Hinged 'T' piece / Materials: Polyamide (nylon) 66 / Colour: Black (BL)

		Nominal dimensions / conduitsSize (mm)					
	Part no.	A	B	C	D	E	
	10Y	Y101010/BL	54.6	37.1	10	10	10
		Y101013/BL	54.6	37.1	10	10	13
		Y101210/BL	54.6	37.1	10	12	10
	13Y	Y131010/BL	54.6	37.1	13	10	10
		Y131011/BL	54.6	37.1	13	10	11
		Y131310/BL	54.6	37.1	13	13	10
		Y131313/BL	54.6	37.1	13	13	13
	16Y	Y161013/BL	54.9	39.8	16	10	13
		Y161310/BL	54.9	39.8	16	13	10
		Y161313/BL	54.9	39.8	16	13	13
		Y161610/BL	54.9	39.8	16	16	10
		Y161613/BL	54.9	39.8	16	16	13
	21Y	Y211010/BL	42.8	41.0	21	10	10
		Y211310/BL	42.8	41.0	21	13	10
		Y211313/BL	42.8	41.0	21	13	13
		Y211610/BL	48.2	39.8	21	16	10
		Y211613/BL	48.2	39.6	21	16	13
		Y211616/BL	63.6	47.5	21	16	16
		Y212110/BL	57.9	44.9	21	21	10
		Y212113/BL	57.9	44.9	21	21	13
		Y212116/BL	63.6	47.5	21	21	16
	28Y	Y282113/BL	54.0	48.8	28	21	13
		Y282116/BL	54.0	48.8	28	21	16
		Y282121/BL	76.5	60.0	28	21	21
		Y282810/BL	67.3	55.9	28	28	10
		Y282813/BL	67.3	55.9	28	28	13
		Y282816/BL	67.3	55.9	28	28	16
		Y282821/BL	76.5	60.0	28	28	21
		Y282828/BL	90.7	67.0	28	28	28
	34Y	Y343416/BL	100.6	75.0	34	34	16
		Y343421/BL	100.6	76.0	34	34	21
		Y343434/BL	100.6	82.1	34	34	34

Approvals	IP rating	Appropriate conduit	Temperature range	
	For use with: Type PA / PR / PF		Static applications: -40°C to +120°C	
	IP40	Yes	Moving applications: -5°C to +120°C	
	IP65	N/A	Fitting characteristics	
	IP66	N/A	Snap fit	
	IP67	N/A		
	IP68	N/A		
	IP69	N/A		

Non-metallic conduit systems

Type PK & A - Peek

Polyetherketone Type PK - Peek

High specification conduit / Materials: Polyetherketone / Colour: Black (BL) Only

	Part no.	Nominal conduit size (mm)	NW conduit size (mm)	Conduit pitch	Outside diameter (mm)	Inside diameter (mm)	Min. bend radius (mm)	Reel length (m)
	PKFS13	13	10	Fine	13.2	10.0	35	25, 50
	PKFS16	16	13	Fine	16.3	11.7	45	25, 50
	PKFS21	21	17	Fine	21.2	16.6	60	25, 50
	PKCS28	28	23	Coarse	28.4	21.7	65	25, 50
	PKCS34	34	29	Coarse	34.3	27.7	80	25, 50

To order quote part number, colour & reel length, e.g. PKFS16/BL/50M

Approvals



IP rating

Appropriate fitting

For use with: Peek Type A

IP40	N/A
IP65	N/A
IP66	Peek Type A
IP67	Peek Type A
IP68	N/A
IP69	N/A

Temperature range

Static applications: -60°C to +260°C

Moving applications: -45°C to +260°C

Flexibility & fatigue life

Medium flexibility – Medium fatigue life

Fire performance & EMI screen

Self extinguishing

Halogen free

UV resistance

Very high



Type A - Peek

Straight fitting - Fixed external male thread / Materials: Nickel plated brass & silicone

	Part no.	Nominal conduit size (mm)	Metric thread
	PK13/M16/A	13	M16
	PK16/M16/A	16	M16
	PK21/M20/A	21	M20
	PK28/M25/A	28	M25
	PK34/M32/A	34	M32

For insertion into knockouts using a locknut

Approvals



IP rating

Appropriate fitting

For use with: Peek Type PK

IP40	N/A
IP65	N/A
IP66	Peek Type A
IP67	Peek Type A
IP68	N/A
IP69	N/A

Temperature range

Static applications: -60°C to +260°C

Moving applications: -45°C to +260°C

Fire performance & EMI screen

UV resistance

Very high



Non-metallic conduit systems

Type PKTC & PKSS - Hi-Spec

Type PKTC - Hi-Spec

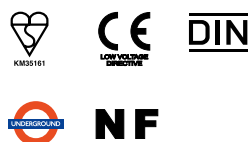
High specification, high EMI screening conduit / Materials: Polyetherketone conduit, tinned copper overbraid

Part no.	Nominal conduit size (mm)	NW conduit size (mm)	Conduit pitch	Outside diameter (mm)	Inside diameter (mm)	Min. bend radius (mm)	Reel length (m)
PKFSTC13	13	10	Fine	14.1	10.0	35	25, 50
PKFSTC16	16	13	Fine	17.2	11.7	45	25, 50
PKFSTC21	21	17	Fine	23.6	16.6	60	25, 50
PKCSTC28	28	23	Coarse	30.0	21.7	65	25, 50
PKCSTC34	34	29	Coarse	36.0	27.7	80	25, 50



To order quote part number & reel length, e.g. PKFSTC13/50M

Approvals



IP rating

Appropriate fitting

For use with: Hi-Spec Type A & B

IP40	N/A
IP65	N/A
IP66	Hi-Spec Type A & B
IP67	Hi-Spec Type A & B
IP68	N/A
IP69	N/A

Temperature range

Static applications: -60°C to +260°C

Moving applications: -45°C to +260°C

Flexibility & fatigue life

High flexibility – High fatigue life

Fire performance & EMI screen

Self extinguishing

Halogen free

UV resistance

Very high



Type PKSS - Hi-Spec

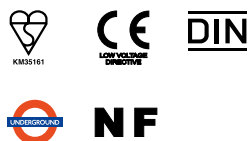
High specification, standard EMI screening conduit / Materials: Polyetherketone conduit, stainless steel overbraid

Part no.	Nominal conduit size (mm)	NW conduit size (mm)	Conduit pitch	Outside diameter (mm)	Inside diameter (mm)	Min. bend radius (mm)	Reel length (m)
PKFSSS13	13	10	Fine	14.1	10.0	35	25, 50
PKFSSS16	16	13	Fine	17.2	11.7	45	25, 50
PKFSSS21	21	17	Fine	23.6	16.6	60	25, 50
PKCSSS28	28	23	Coarse	30.0	21.7	65	25, 50
PKCSSS34	34	29	Coarse	36.0	27.7	80	25, 50



To order quote part number, colour & reel length, e.g. PKFS16/BL/50M

Approvals



IP rating

Appropriate fitting

For use with: Hi-Spec Type A & B

IP40	N/A
IP65	N/A
IP66	Hi-Spec Type A & B
IP67	Hi-Spec Type A & B
IP68	N/A
IP69	N/A

Temperature range

Static applications: -60°C to +260°C

Moving applications: -45°C to +260°C

Flexibility & fatigue life

High flexibility – High fatigue life

Fire performance & EMI screen

Self extinguishing

Halogen free

UV resistance

Very high



Non-metallic conduit systems

Type PKTC & PKSS - Hi-Spec

Type PKTC - Hi-Spec

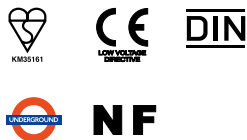
High specification, high EMI screening conduit / Materials: Polyetherketone conduit, tinned copper overbraid

Part no.	Nominal conduit size (mm)	NW conduit size (mm)	Conduit pitch	Outside diameter (mm)	Inside diameter (mm)	Min. bend radius (mm)	Reel length (m)
PRFSTC16	16	13	Fine	17.2	11.7	35	50
PRFSTC21	21	17	Fine	23.6	16.6	60	50
PRCSTC28	28	23	Coarse	30.0	21.7	70	50
PRCSTC34	34	29	Coarse	36.0	27.7	75	50
PRCSTC42	42	36	Coarse	43.5	35.1	90	25
PRCSTC54	54	48	Coarse	56.5	46.6	95	25



To order quote part number, colour & reel length, e.g. PAFL13/BL/50M

Approvals



IP rating

Appropriate fitting

For use with: Hi-Spec Type A & B

IP40	N/A
IP65	N/A
IP66	Hi-Spec Type A & B
IP67	Hi-Spec Type A & B
IP68	N/A
IP69	N/A

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

UV resistance

Very high



Type PKSS - Hi-Spec

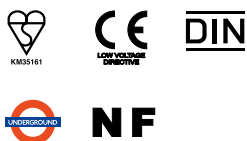
High specification, standard EMI screening conduit / Materials: Polyetherketone conduit, stainless steel overbraid

Part no.	Nominal conduit size (mm)	NW conduit size (mm)	Conduit pitch	Outside diameter (mm)	Inside diameter (mm)	Min. bend radius (mm)	Reel length (m)
PRFSSS16	16	13	Fine	17.2	11.7	35	50
PRFSSS21	21	17	Fine	23.6	16.6	60	50
PRCSSS28	28	23	Coarse	30.0	21.7	70	50
PRCSSS34	34	29	Coarse	36.0	27.7	75	50
PRCSSS42	42	36	Coarse	43.5	35.1	90	25
PRCSSS54	54	48	Coarse	56.5	46.6	95	25



To order quote part number, colour & reel length, e.g. PRFSTC21/50M

Approvals



IP rating

Appropriate fitting

For use with: Hi-Spec Type A & B

IP40	N/A
IP65	N/A
IP66	Hi-Spec Type A & B
IP67	Hi-Spec Type A & B
IP68	N/A
IP69	N/A

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

UV resistance

Very high



Non-metallic conduit systems

Type A & B - Hi-Spec

Type A - Hi-Spec

Straight fitting - Fixed external male thread / Materials: Nickel plated brass



Part no.	Nominal conduit size (mm)	Metric thread
PBF13/M16/A	13	M16
PBF16/M16/A	16	M16
PBF21/M20/A	21	M20
PBC28/M25/A	28	M25
PBC34/M32/A	34	M32
PBC42/M40/A	42	M40

For insertion into knockouts using a locknut

Approvals



NF

IP rating

Appropriate fitting

For use with: Hi-Spec Type PKTC / PKSS / PRTC / PRSS

IP40	N/A
IP65	N/A
IP66	Yes
IP67	Yes
IP68	N/A
IP69	N/A

Temperature range

Static applications: -60°C to +260°C

Moving applications: -45°C to +260°C

Fire performance & EMI screen



Type B - Hi-Spec

Straight fitting - Swivel external male thread / Materials: Nickel plated brass



Part no.	Nominal conduit size (mm)	Metric thread
PBF13/M16/B	13	M16
PBF16/M16/B	16	M16
PBF21/M20/B	21	M20
PBC28/M25/B	28	M25
PBC34/M32/B	34	M32
PBC42/M40/B	42	M40
PBC54/M50/B	54	M50

For insertion into threaded entries & knockouts

Approvals



NF

IP rating

Appropriate fitting

For use with: Hi-Spec Type PKTC / PKSS / PRTC / PRSS

IP40	N/A
IP65	N/A
IP66	Yes
IP67	Yes
IP68	N/A
IP69	N/A

Temperature range

Static applications: -60°C to +260°C

Moving applications: -45°C to +260°C

Fire performance & EMI screen

