

Non-metallic conduit systems

Introduction to Adpatlak ATS™

Adpatlak 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

Adpatlak 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



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

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

Non-metallic conduit systems

Type C90 - Adaptaлок ATS™

Type C90 - Adaptaлок 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	5/8	AT13/038/C90	13	5/8
AT16/M16/C90	16	M16	AT16/PF038/C90	16	5/8	AT16/038/C90	16	5/8
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/BLY

Approvals	IP rating	Appropriate conduit	Temperature range
 KM35161	For use with: Type PA / PR / PADL / PF		
	IP40	Yes	Static applications: -50°C to +120°C
	IP65	Yes	Moving applications: -45°C to +120°C
	IP68	Yes (4 bar 30mins)	
	IP69	Yes	

Type C90 - Adaptaлок ATS™

90° Elbow fitting - Fixed external male thread / Materials: Polyamide (nylon) 66/TPE / Colour: Black (BL), Grey (GR) / Blue (BΩ) 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	5/8
16/M16/C90	16	M16	AT16/PF038/C90	16	5/8
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	Temperature range
 KM35161	For use with: Type PA / PR / PADL / PF		
	IP40	Yes	Static applications: -50°C to +120°C
	IP65	Yes	Moving applications: -45°C to +120°C
	IP68	Yes (4 bar 30mins)	
	IP69	Yes	

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

Type 45 - Adaptalok ATS™

45° Elbow fitting - Fixed external male thread / Materials: Polyamide (nylon) 66/TPE / Colour: Black (BL), Grey (GR) / Blue (BΩ) 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	Temperature range
For use with: Type PA / PR / PADL / PF			
	IP40	Yes	Static applications: -50°C to +120°C
	IP65	Yes	Moving applications: -45°C to +120°C
	IP68	Yes (4 bar 30mins)	
	IP69	Yes	

Non-metallic conduit systems

Type SA & CS90 - Adaptaлок ATS™

Type SA - Adaptaлок 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
KM35161	CE LOW VOLTAGE DIRECTIVE	cETLus Intertek	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	
				Fitting characteristics

Type CS90 - Adaptaлок 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
KM35161	CE LOW VOLTAGE DIRECTIVE	cETLus Intertek	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	
				Fitting characteristics

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
AT13/M16/S45	13	M16
AT16/M16/S45	16	M16
AT21/M20/S45	21	M20
AT28/M25/S45	28	M25
AT34/M32/S45	34	M32
AT42/M40/S45	42	M40
AT48/M50/S45	48	M50
AT54/M50/S45	54	M50
AT54/M63/S45	54	M63

Part no.	Nominal conduit size (mm)	NPT thread (in)
AT13/038/S45	13	3/8
AT16/038/S45	16	3/8
AT21/050/S45	21	1/2
AT28/075/S45	28	3/4
AT34/100/S45	34	1
AT42/125/S45	42	1 1/4
AT48/150/S45	48	1 1/2
AT54/150/S45	54	1 1/2
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

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
AT13/M16/SFA	13	M16
AT16/M16/SFA	16	M16
AT21/M20/SFA	21	M20
AT28/M25/SFA	28	M25
AT34/M32/SFA	34	M32
AT42/M40/SFA	42	M40
AT48/M50/SFA	48	M50
AT54/M50/SFA	54	M50
AT54/M63/SFA	54	M63

Part no.	Nominal conduit size (mm)	NPT thread (in)
AT13/038/SFA	13	3/8
AT16/038/SFA	16	3/8
AT21/050/SFA	21	1/2
AT28/075/SFA	28	3/4
AT34/100/SFA	34	1
AT42/125/SFA	42	1 1/4
AT48/150/SFA	48	1 1/2
-	-	-
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

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



Approvals



Blue Elastomer version only



NF



Part no.	Nominal conduit size (mm)	Metric thread
AT13/M16/CSF90	13	M16
AT16/M16/CSF90	16	M16
AT21/M20/CSF90	21	M20
AT28/M25/CSF90	28	M25
AT34/M32/CSF90	34	M32
AT42/M40/CSF90	42	M40
AT48/M50/CSF90	48	M50
AT54/M50/CSF90	54	M50
AT54/M63/CSF90	54	M63

Part no.	Nominal conduit size (mm)	NPT thread (in)
AT13/038/CSF90	13	3/8
AT16/038/CSF90	16	3/8
AT21/050/CSF90	21	1/2
AT28/075/CSF90	28	3/4
AT34/100/CSF90	34	1
AT42/125/CSF90	42	1 1/4
AT48/150/CSF90	48	1 1/2
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

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



Approvals



Blue Elastomer version only



NF



Part no.	Nominal conduit size (mm)	Metric thread
AT13/M16/SF45	13	M16
AT16/M16/SF45	16	M16
AT21/M20/SF45	21	M20
AT28/M25/SF45	28	M25
AT34/M32/SF45	34	M32
AT42/M40/SF45	42	M40
AT48/M50/SF45	48	M50
AT54/M50/SF45	54	M50
AT54/M63/SF45	54	M63

Part no.	Nominal conduit size (mm)	NPT thread (in)
AT13/038/SF45	13	3/8
AT16/038/SF45	16	3/8
AT21/050/SF45	21	1/2
AT28/075/SF45	28	3/4
AT34/100/SF45	34	1
AT42/125/SF45	42	1 1/4
AT48/150/SF45	48	1 1/2
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



NF



Part no.	Nominal conduit size (mm)	Metric thread
IP40	Yes	
IP65	Yes	
IP68	Yes (4 bar 30mins)	
IP69	Yes	

Part no.	Nominal conduit size (mm)	NPT thread (in)
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 ATS™

Type SFAJ - Adaptalok ATS™

**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 ATS™

**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 ATS™

**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

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	5/16" - 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	15/16" - 20
AT16/U075/SFA	16	3/4" - 20	AT28/U100/SFA	28	1" - 20
AT16/U081/SFA	16	13/16" - 20	AT28/U119/SFA	28	1 3/16" - 18
AT16/U088/SFA	16	7/8" - 20	AT28/U138/SFA	28	1 3/8" - 18
AT16/U094/SFA	16	15/16" - 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	15/16" - 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					
		IP40	Yes	Static applications: -50°C to +120°C	
		IP65	Yes	Moving applications: -45°C to +120°C	
		IP68	Yes (4 bar 30mins)	Fitting characteristics	
		IP69	Yes		

Non-metallic conduit systems

UNEF Type CSF90 - Adaptalok ATS™

UNEF 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) Elastomer



Part no.	Nominal conduit size (mm)	Connector UNEF thread
AT13/U063/CSF90	13	5/8" - 24
AT13/U075/CSF90	13	3/4" - 20
AT13/U088/CSF90	13	7/8" - 20
AT16/U063/CSF90	16	5/8" - 24
AT16/U075/CSF90	16	3/4" - 20
AT16/U081/CSF90	16	13/16" - 20
AT16/U088/CSF90	16	7/8" - 20
AT16/U094/CSF90	16	15/16" - 20
AT16/U100/CSF90	16	1" - 20
AT16/U119/CSF90	16	1 3/16" - 18
AT16/U131/CSF90	16	1 5/16" - 18
AT21/U075/CSF90	21	3/4" - 20
AT21/U088/CSF90	21	7/8" - 20
AT21/U094/CSF90	21	15/16" - 20
AT21/U100/CSF90	21	1" - 20
AT21/U113/CSF90	21	1 1/8" - 18
AT21/U119/CSF90	21	1 3/16" - 18
AT21/U131/CSF90	21	1 5/16" - 18
AT21/U138/CSF90	21	1 3/8" - 18

Part no.	Nominal conduit size (mm)	Connector UNEF thread
AT21/U144/CSF90	21	1 7/16" - 18
AT21/U175/CSF90	21	1 3/4" - 18
AT28/U088/CSF90	28	7/8" - 20
AT28/U094/CSF90	28	15/16" - 20
AT28/U100/CSF90	28	1" - 20
AT28/U119/CSF90	28	1 3/16" - 18
AT28/U138/CSF90	28	1 3/8" - 18
AT28/U144/CSF90	28	1 7/16" - 18
AT28/U175/CSF90	28	1 3/4" - 18
AT28/U200/CSF90	28	2" - 16
AT28/U225/CSF90	28	2 1/4" - 16
AT34/U100/CSF90	34	1" - 20
AT34/U119/CSF90	34	1 3/16" - 18
AT34/U144/CSF90	34	1 7/16" - 18
AT34/U175/CSF90	34	1 3/4" - 18
AT34/U200/CSF90	34	2" - 16
AT42/U175/CSF90	42	1 3/4" - 18
AT42/U200/CSF90	42	2" - 16

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
		For use with: Type PA / PR / PADL / PF		Static applications: -50°C to +120°C
		IP40	Yes	Moving applications: -45°C to +120°C
KM35161		IP65	Yes	
		IP68	Yes (4 bar 30mins)	Fitting characteristics
		IP69	Yes	

Non-metallic conduit systems

UNEF Type SF45 - Adaptaлок ATS™

UNEF Type SF45 - Adaptaлок ATS™

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	5/16" - 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	13/16" - 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	15/16" - 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	15/16" - 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	
For use with: Type PA / PR / PADL / PF					
		IP40	Yes	Static applications: -50°C to +120°C	
		IP65	Yes	Moving applications: -45°C to +120°C	
		IP68	Yes (4 bar 30mins)	Fitting characteristics	
		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
KM35161	LOW VOLTAGE DIRECTIVE
Intertek	

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



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
KM35161	LOW VOLTAGE DIRECTIVE
Intertek	

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

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.

AT13/FL/C90

AT16/FL/C90

AT21/FL/C90

AT28/FL/C90

Nominal conduit size (mm)

13

16

21

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
NF	UN

IP rating

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

IP40

Appropriate conduit

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



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.

AT16/FL/45

AT21/FL/45

AT28/FL/45

With integral face seal

To order quote part number, body colour & Elastomer colour, e.g. AT21/FL/45/BLB



Nominal conduit size (mm)

16

21

28

Approvals	Blue Elastomer version only
NF	UN

IP rating

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

IP40

Appropriate conduit

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 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



UNI

IP rating

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

IP66 Yes

IP67 Yes

IP68 Yes (4 bar 30mins)

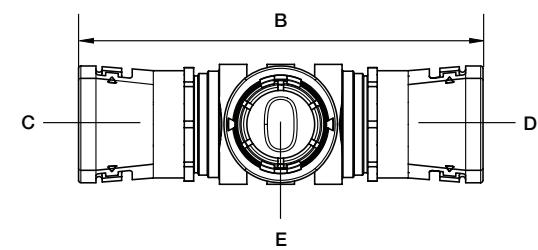
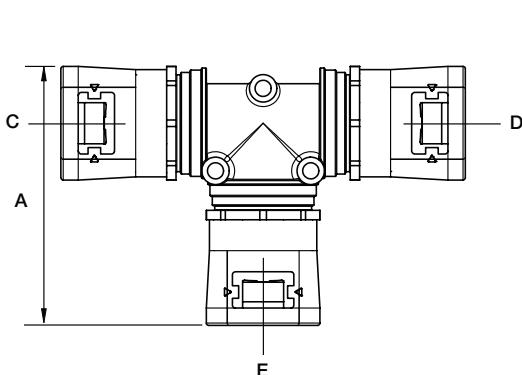
IP69 Yes

Temperature range

Static applications: -50°C to +120°C

Moving applications: -45°C to +120°C

Fitting characteristics



Non-metallic conduit systems

Type T - Adaptaлок ATS™

Type T- Adaptaлок 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
	AT282116/Y	110.6	117.8	28	21
	AT282121/Y	116.4	129.9	28	21
	AT282813/Y	108.7	124.6	28	13
	AT282816/Y	112.2	124.6	28	16
	AT282821/Y	116.6	124.6	28	21
	AT282828/Y	165.0	119.0	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	
IP68	Yes (4 bar 30mins)	
IP69	Yes	

Fitting characteristics

