

Adaptaflex Conduit Guide

Non Metallic



	Industrial & Commercial Wiring		Construction, OEM, Rail, Power & Energy, Industry and Transport		
Model	RHINOFLEX RF PVC	XTRAFLEX XF PVC	POLYAMIDE 6 STANDARD	MODIFIED POLYAMIDE 6 & POLYESTER	POLYAMIDE 6 HEAVYWEIGHT
Type	Type RF	Type XF	Type PA	Type PR	Type PF
Part Number (Fine Pitch)	RF	XF	PAFS*	PRFS*	PFFS*
Part Number (Coarse Pitch)	-	-	PACS*	PRCS*	PFCS*
Image					
Approvals					
	Self Extinguishing	Self Extinguishing	General Purpose	Low Smoke and High Fire Performance	Low Smoke and High Fire Performance
Industry Applications	Contractor Packs, Panel Builders	Contractor Packs, Panel Builders	Construction, Machine, Tools Rail, Data Centres	OEM, Vehicles, Commercial, Buildings, Hospitals, Rail Exteriors	Automation, Robotics, Cranes, Hoists, Industrial Machinery
Conduit Material	-	-	PA6	PA6	PA12
Covering/overbraid	Plasticised PVC	Plasticised PVC	-	-	-
Static Applications (°C)	-5 to +60	-20 to +60	-40 to +120	-40 to +120	-50 to +110
Moving Applications (°C)	-5 to +60	-5 to +60	-25 to +150	-5 to +120	-45 to +120
UV Resistance	High	High	Very High	Very High	Very High
Flexibility	Medium	Medium	High	High	Very High
Fatigue Life	Medium	Medium	High	Medium	Very High
Low Fire Hazard	-	-	Standard	Enhanced	Standard
Halogen Free	-	-	Yes	Yes	Yes
Self Extinguishing	Yes	Yes	Yes	Yes	Yes
EMI Screen	-	-	-	-	-
High Mechanical Strength	-	-	-	-	-
High Abrasion Resistance	-	-	Yes	Yes	Yes
IP Rating (Appropriate fittings)					
IP40	-	-	Adapting & Jumbo	-	Adapting
IP54	-	-	-	-	-
IP65		Xtraflex Type D & C90	Adaptalok AL Jumbo + SK Seal	-	-
IP66	-	-	PC, ATS, Adaptalok AL, Adaptaseal	Hi-Spec Type A & B	PC, ATS, Adaptalok AL, Adaptaseal
IP67	Rhinoflex RF Types A & C90	-	PC, ATS, Adaptalok AL + ALS Seal, Adaptaseal	Hi-Spec Type A & B	PC, ATS, Adaptalok AL + ALS Seal, Adaptaseal
IP68	-	-	PC, ATS, Adaptalok AL + ALS Seal, Adaptaseal	-	PC, ATS, Adaptalok AL + ALS Seal, Adaptaseal
IP69	-	-	PC, ATS, Adaptalok AL + ALS Seal, Adaptaseal	-	PC, ATS, Adaptalok AL + ALS Seal, Adaptaseal

PA6 - Polyamide/Nylon PA12 - Polyamide/Nylon 12 EMI - Electromagnetic interference

*INDENT ITEM. Please enquire with ESC for MOQ.

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Non Metallic Fittings

For Use With	RHINOFLEX		XTRAFLEX	
Model	RF Type D	RF Type C90	XF Type D	XF Type C90
Type	Straight Fitting	90° Elbow	Straight Fitting	90° Elbow
Image				
Approvals				
Code	RF**/M**/A/BL	RF**/M**/C90/BL	XF**/M**/D	XF**/M**/C90/BL
Materials	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass
Temperature Range				
Static Applications (°C)	-50 to +300	-50 to +300	-50 to +300	-50 to +300
Moving Applications (°C)	-45 to +250	-45 to +250	-45 to +250	-45 to +250

For Use With	PACS						
Model	AL Type A	AL Type C90	AL Type 45	ATS Type A (Yellow)*	ATS Type A (Blue)*	ATS Type C90 & C45*	
Type	Straight Fitting	90° Elbow	45° Elbow	Straight Fitting	Straight Fitting	90° & 45° Elbow	
Image							
Approvals							
Code	AL**/M**/A/BL	AL**/M**/C90/BL	AL**/M**/C45/BL	AT**/M**/A/BLY	AT**/M**/A/BLB	AT**/M**/C90/BLY AT**/M**/C45/BLY	AT**/M**/C90/BLB AT**/M**/C45/BLB
Materials	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass
Temperature Range							
Static Applications (°C)	-50 to +300	-50 to +300	-50 to +300	-50 to +300	-50 to +300	-50 to +300	-50 to +300
Moving Applications (°C)	-45 to +250	-45 to +250	-45 to +250	-45 to +250	-45 to +250	-45 to +250	-

	POA INDENT ONLY							
Model	ATS Type SA	ATS Type CS90	ATS Type S45	Type SFA	Type CSF90	Type SF45	Type T	Type Y
Type	Straight Fitting	90° Elbow	45° Elbow	Straight Fitting	90° Elbow	45° Elbow	3 Way "T" Piece	3 Way T Piece
Image								
Approvals	Approvals Blue Elastomer version only 	Approvals Blue Elastomer version only 	Approvals Blue Elastomer version only 	Approvals Blue Elastomer version only 	Approvals Blue Elastomer version only 	Approvals Blue Elastomer version only 	Approvals 	Approvals 

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Contact List

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Metallic



	LIGHTING, CABLE TRACK	LIGHTING, CCTV, CONSTRUCTION, OEM	OEM, RAIL, CONSTRUCTION, INDUSTRY PPROCESSING, MINING, OEM		OIL & GAS, POWER & ENERGY, INDUSTRY, COLD TEMP	FOOD ZONE NON CONTACT AREAS
Model	SUPERFLEXIBLE	SUPERFLEXIBLE	LOW FIRE HAZARD LIQUIDTITE*	OIL RESISTANT LIQUIDTITE	EXTREME TEMPERATURE LIQUIDTITE	LIQUIDTIGHT FLEXIBLE*
Type	Type S	Type SP	Type LFH-SPL	Type SPL	Type SPLHC	Type SAMHL/SSAMHL
Image						
Approvals						
	Corrosion	Oil & Chemical Resistant	Low Smoke & Zero Halogen	Oil & Chemical Resistant	Extreme High & Low Temperature	Anti-microbial & Hygenic
Industry Applications	Construction, Lighting, Panel builders	Construction, Machine Tools, CCTV, Panel Builders	Construction, Traction, Rail Infrastructure	Machine Tools, Food & Beverage	Rail, Machine Tools, Utilities, Industrial, Dynamic Machinery	Food & Beverage, Motor Connections, Panel Builders
Conduit Material	Galvanised Steel	Glavanised Steel	Galvanised Steel	Galvanised Steel	Galvanised Steel	Stainless Steel
Covering/overbraid	-	PVC	Low Fire Hazard Jacket	PVC	PVC	Thermoplastic Jacket
Static Applications (°C)	-50 to +300	-25 to +70	-20 to +90	-20 to +105	-65 to +135	-50 to +130
Moving Applications (°C)	-45 to +250	-5 to +90	-5 to +105	-5 to +105	-45 to +150	-5 to +150
UV Resistance	-	-	-	-	-	-
Flexibilty	Very High	Very High	High	Very High	Very High	-
Fatigue Life	High	High	Medium	Medium	Very high	High
Low Fire Hazard	High	Medium	Medium	Medium	High	High
Halogen Free	Inherent	-	Enhanced	-	-	-
Self Extinguishing	Yes	-	Yes	-	Yes	-
EMI Screen	-	Yes	Yes	Yes	Yes	-
High Mechanical Strength	-	-	-	-	-	-
High Abrasion Resistance	Yes	Yes	Yes	Yes	Yes	-
IP Rating (Appropriate fittings)	-	-	-	-	-	-
IP40	S - A, B F & C	-	-	-	-	-
IP54	-	SP - A, B, C, E & F	SPL - E	SPL - E	SPL - E	SPL - E
IP65	-	SP - M & C90	-	-	-	-
IP66	-	-	SPL - M, MF, C45 & C90	SPL - M, MF, SAM, C45 & C90	SPL - M, MF, SAM, C45 & C90	SPL - M, MF, SAM, C45 & C90
IP67	-	-	SPL - A, B, M, MF, C45 & C90	SPL - A, B, M, MF, SAM, C45 & C90	SPL - A, B, M, MF, SAM, C45 & C90	SPL - A, B, M, MF, SAM, C45 & C90
IP68	-	-	SPL - M, MF, C45 & C90 (10 bar 30mins)	SPL - M, MF, SAM, C45 & C90 (10 bar 30mins)	SPL - M, MF, SAM, C45 & C90 (10 bar 30mins)	SPL - M, MF, SAM, C45 & C90 (10 bar 30mins)
IP69	-	-	SPL - M, MF, C45 & C90	SPL - M, MF, SAM C45 & C90	SPL - M, MF, SAM C45 & C90	SPL - M, MF, SAM C45 & C90

PA6 - Polyamide/Nylon PA12 - Polyamide/Nylon 12 EMI - Electromagnetic interference

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Metallic Fittings

For Use With	Type S / SS			
Model	S Type A	S Type B	S Type C	S Type F
Type	Straight Fixed	Straight Swivel	Smooth Entry Bush	Straight Fitting - Fixed Female
Image				
Approvals				
Code	S**/M**/A	S**/M**/B	S**/M**/C	S**/M**/F
Materials	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass
Temperature Range				
Static Applications (°C)	-50 to +300	-50 to +300	-50 to +300	-50 to +300
Moving Applications (°C)	-45 to +250	-45 to +250	-45 to +250	-45 to +250



For Use With	All Liquid Resistant Conduit						
Model	SP Type A	SP type B	SP Type C	SP Type E	SP Type F	SP type M	SP Type C90
Type	Straight Fixed	Straight Swivel	Smooth Entry Bush	Conduit Terminator	Straight Fitting - Fixed Female	Multipart	90° Elbow
Image							
Approvals							
Code	SP**/M**/A	SP**/M**/B	SP**/M**/C	SP**/E	SP**/M**/F	SP**/M**/M	SP**/M**/C90
Materials	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass
Temperature Range							
Static Applications (°C)	-50 to +300	-50 to +300	-50 to +300	-50 to +300	-50 to +300	-50 to +300	-50 to +300

For Use With	All Liquid Resistant Conduit							
Model	SPL Type B	SPL Type MF	SPL Type M	SPL Type C90	SPL Type C45	SPLB Type A	SPLB Type B	Type SAM*
Type	Straight Swivel	Straight Female Internal Thread	Multipart	90° Elbow	45° Elbow	Straigh Fixed	Straight Swivel	Single Piece Fitting
Image								
Approvals								
Code	SPL**/M**/B	SPL**/M**/MF	SPL**/M**/M	SPL**/M**/C90	SPL**/M**/C45	SPLB**/M**/A	SPLB**/M**/M	SPL**/M**/SAM
Materials	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass	Stainless Steel
Temperature Range								
Static Applications (°C)	-50 to +300	-25 to +70	-65 to +135	-20 to +105	-20 to +90	-65 to +135	-65 to +135	-50 to +130
Moving Applications (°C)	-45 to +250	-5 to +90	-45 to +150	-5 to +105	-5 to +105	-45 to +150	-45 to +150	-5 to +150

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