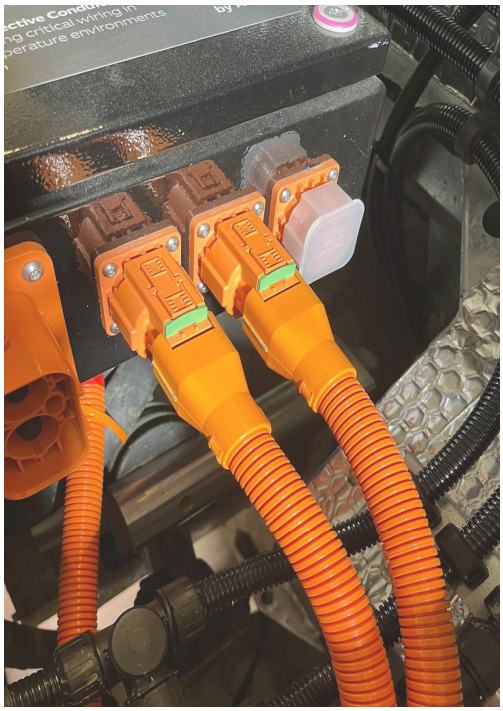
PRODUCT OVERVIEW

Harnessflex® EVO™ Conduit Systems

for safeguarding critical wiring in heavy-duty electric vehicles

Harnessflex
SPECIALIST CONDUIT SYSTEMS

Harnessflex® EVO™
(Electric Vehicle Orange) specialist range for full EV (electric vehicle) industry compliance.



Harnessflex® EVO™
(Electric Vehicle Orange) conduit systems

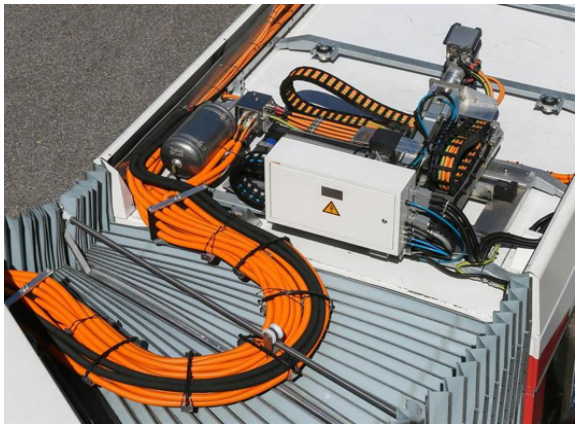
Electric Vehicle Orange (EVO™) conduit systems for safeguarding critical wiring in heavy-duty electric vehicles.

Harnessflex EVO™ (Electric Vehicle Orange) conduit is flexible nylon (PA6) conduit suitable for electric vehicle applications.

Heavy automotive cable protection systems
Protection from damage by mechanical abrasion, excessive cable strain, corrosive salts and liquid ingress.

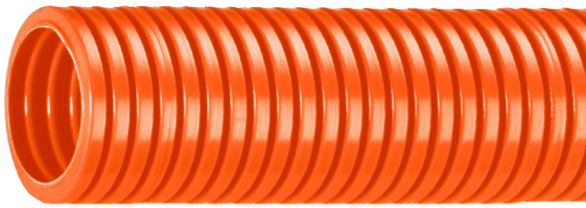
Built for use in a wide range of EV applications
Including electric cars, buses, trucks, lorries, trams and trains.

High voltage connectors
Connectors that easily integrate into high and low voltage wiring and are proven to withstand abrasion, stress, vibration, corrosive conditions and higher vehicle running temperatures.
Testing – Form, Fit and Function.

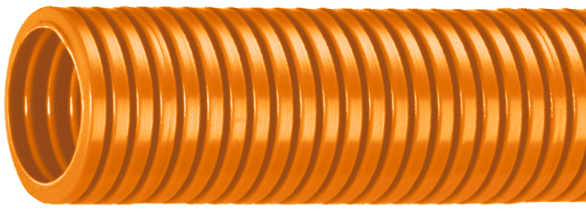


— 01 Co-Polyester (CPC) dynamic conduit.
— 02 Nylon (PA6 - NC and CTPA) conduit.

— 01



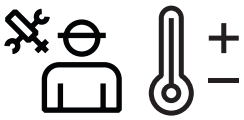
— 02



Reliable complete system integration for EV wiring protection
Featuring our signature vibration friendly profile (VFP) as standard, as well as UV and heat stabilisation as standard, Harnessflex EVO™ conduit systems minimise the risk of electrical failure whilst also protecting crucial HV connectors.

Harnessflex® Conduit systems

Harnessflex® conduit systems are built for performance, designed to protect critical wiring in harnesses on HGVs, off-road vehicles and other heavy automotives.



From fit-and-forget CPC conduit systems offering unbeatable dynamic performance, to our X-Temp™ range that is designed and tested to withstand extreme temperatures, Harnessflex® can provide a solution for most applications and environments.

Features & benefits:

- High flexibility and fatigue life - continuous performance over a long product lifespan
- Protects critical cables with very high abrasion, impact and shock resistance
- Specialist ranges for use in extreme high and low temperatures
- Range includes products with IP40-IP69 rating, as well as self-extinguishing and low fire hazard capabilities and fittings offering reduction options
- VFP as standard, delivering minimal cable abrasion
- Designed to maximise tensile strength and reduce together with all Harnessflex® connector interface, Y&T and joining system installations
- 100% inspected and tested

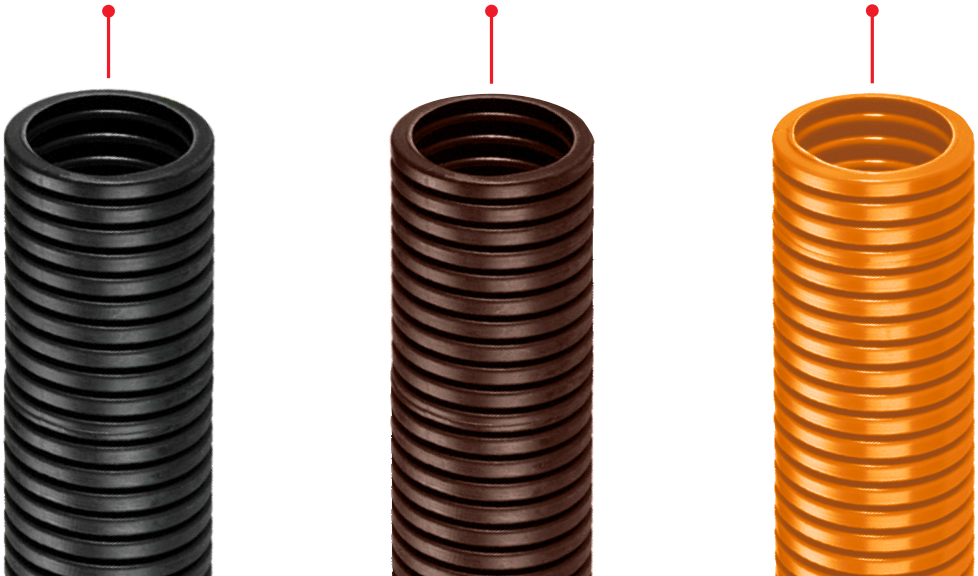
Harnessflex® has the largest range of flexible conduits, sealed fittings, hinged connector interfaces and Y&T pieces, anywhere in the global cable protection market. Constantly evolving through innovation driven by some of the most demanding automotive industry sectors, Harnessflex products are designed to be used together as a system for easy installation and complete wiring harness protection.

Featuring a unique vibration friendly profile (VFP) as standard, as well as UV and heat stabilisation as standard, Harnessflex® conduit systems provide 10-150% greater life expectancy in dynamic or vibrating applications, when compared with other products. This maximises the productivity of the system being protected, whilst minimising the risk of electrical failure.

Harnessflex® Standard
A comprehensive range of cable protection products for heavy automotive 12V and 24V systems.

Harnessflex® X-Temp™
Protection at temperatures between 200°C to -50°C with high vibration, dynamic conditions.

Harnessflex® EVO™
(Electric Vehicle Orange) specialist range for full EV (electric vehicle) industry compliance.



01 **Light, Medium and Standard weight flexible conduit** for a wide range of wiring harness applications and environments.

Product selection guide

EVO™ conduit systems

Product selection guide



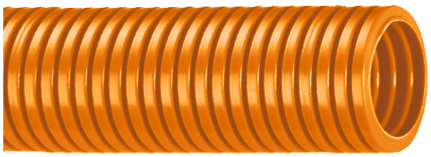
Type	NC	CTPA	CPC
Conduit material	Polyamide 6	Polyamide 6	Co-Polyester
Conduit weight	Standard	Light	Medium
Slit version available	•	•	–
Temperature range			
Long term static min.	-40°C	-40°C	-50°C
Long term static max.	+120°C	+120°C	+135°C
Short term (3000 hrs)	+150°C	+135°C	+150°C
Short term (200 hrs)	+175°C	+150°C	+175°C
Characteristics			
UV resistance	■■■■	■■■■	■■■■
Flexibility	■■■□	■■■■	■■■■
Fatigue life	■■■■	■■■□	■■■■
Ext. wear resistance	■■■■	■■■■	■■■□
Self extinguishing	•	•	•
Halogen free	•	•	•
Low smoke toxicity	•	•	•
Approvals			
CE	•	•	•
UL94 V0	–	–	–
UL94 V2	–	–	•
UL94 HB	•	•	–
R118	•	–	–
RoHS Compliant	•	•	•
ADR Approved	•	–	–
(ELV) EU200/53/EC	•	•	•
Chemical resistance*			
IRM 903 (ASTM Oil No.2)	S	S	S
Diesel Oil	S	S	S
Ethylene Glycol (Anti-freeze)	S	S	S
Lubricating Oil	S	S	S
Methyl Alcohol	L	L	S
Parafin Oil	S	S	S
Petrol	S	S	S
Sodium Chloride	S	S	S
Sodium Hydroxide (10%)	S	S	S
Transformer Oil	S	S	S
Urea	S	S	NT
Vegetable Oil	S	S	S
Sea (Water)	S	S	S

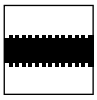
Key: S = Suitable / L = Limited Suitability / U = Unsustainable / NT = Not Tested
Maximum Performance = ■■■■
*All chemicals tested for resistance at 23°C.

Page No.	6	7	9

NC Standard weight, polyamide 6

General purpose conduit





Solid

Description

Flexible standard weight nylon (PA6) conduit is a general-purpose conduit suitable for automotive harness applications. Able to withstand extremes of temperatures and resistant to automotive oils and solvents. It is extremely tough and has a very high impact strength and high fatigue life.

Applications

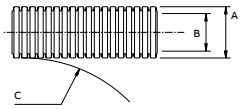
NC standard weight conduit is extensively used in harnesses on HGV and off road vehicle applications where a superior protection against impact and mechanical shock is preferred. The conduit is used for both chassis and engine applications and can be used in a wide range of temperatures. Polyamide 6 is highly resistant to all hydrocarbon based oils and fluids and many types of solvents.

NC Standard weight

Materials: Polyamide 6

Approvals	IP Rating	Appropriate fitting	Temperature range	UV resistance
ADR Approved (Sealed fittings)	**IP40** NC Slit (IP40 only)	Hinged fittings	Long term: -40°C to +120°C	High
UL94 HB rated			Short term: +150°C	
CE Mark to the Low Voltage Directive	**IP67**	Sealed fittings	**Fire perfomance**	
RoHS Compliant to 2011/65/EU	**IP68** (2 bar 30 mins)	Sealed fittings	Self extinguishing	
Reg 118	**Degree of mechanical protection**		Low smoke toxicity	
Conforms with End of Life Vehicle directive (ELV) EU200/53/EC	Very high abrasion, impact and shock resistance		Halogen free	
	Suited to high risk impact applications			

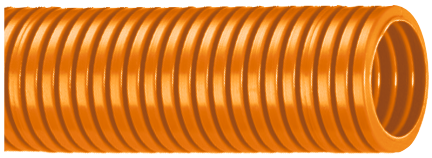
Dimensions

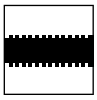
	Solid Part No.	Conduit size NC	NW	US	Nominal O/D A (mm)	Min. bore B (mm)	Min. static bend radius C (mm)	Reel length (m)
	NC16/OR/100M	16	13	⅜	16.05	11.70	30.0	100
	NC20/OR/50M	20	17	½	21.20	16.45	35.0	50
	NC25/OR/50M	25	22	¾	25.80	21.10	40.0	50
	NC28/OR/50M	28	23	¾	28.35	22.50	45.0	50

*Other sizes available on request

CTPA Lightweight, polyamide 6

Extra flexible conduit





Solid

Description

Extra flexible lightweight nylon (PA6) conduit is a general-purpose conduit suitable for electrical loom applications. Able to withstand extremes of temperatures and resistant to automotive oils and solvents. It is extremely tough and has a medium impact strength and high fatigue life.

Applications

CTPA lightweight conduit is extensively used in general purpose, lightweight electrical loom applications. Polyamide 6 is highly resistant to all hydrocarbon based oils and fluids and many types of solvents.

CTPA Lightweight

Materials: Polyamide 6

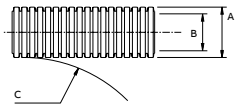
Approvals
CE Mark to the Low Voltage Directive
UL94 HB rated
RoHS Compliant to 2011/65/EU
Conforms with End of Life Vehicle directive (ELV) EU200/53/EC

IP Rating	Appropriate fitting
IP40	Hinged fitting
IP67	Sealed fittings
Degree of mechanical protection	
Medium impact resistance - suited to lower impact risk applications	

Temperature range
Long term: -40°C to +120°C
Short term: +150°C
Fire perfomance
Self extinguishing
Low smoke toxicity
Halogen free

UV resistance
High

Dimensions

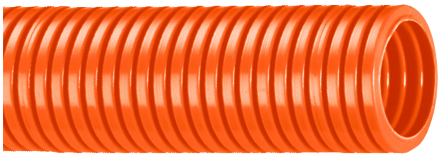


Solid Part No.	Conduit size NC	Conduit size NW	Conduit size US	Nominal O/D A (mm)	Min. bore B (mm)	Min. static bend radius C (mm)	Reel length (m)
CTPA16/OR/100M	16	13	⅜	16.05	11.70	35.0	100
CTPA20/OR/50M	20	17	½	21.20	16.60	45.0	50
CTPA25/OR/50M	25	22	¾	25.60	20.60	45.0	50
CTPA28/OR/50M	28	23	¾	28.35	22.80	45.0	50

*Other sizes available on request

CPC Medium weight, co-polyester

Dynamic conduit



Solid

Description

Dynamic and extra flexible medium weight, co-polyester conduit suitable for automotive harness applications. Able to withstand extremes of temperatures and resistant to automotive oils and solvents. It is extremely tough and has a very high impact strength and fatigue life.

Applications

A low smoke, low toxicity conduit, CPC has excellent high and low temperature properties, making it ideal for harness applications such as engine, body section and chassis. CPC is resistant to hydrocarbons, greases, fuels and oils.

CPC Medium weight

Materials: FR Co-Polyester

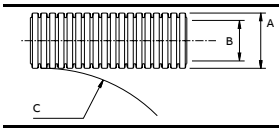
Approvals
CE Mark to the Low Voltage Directive
UL94 V2 rated
RoHS Compliant to 2011/65/EU
Conforms with End of Life Vehicle directive (ELV) EU200/53/EC

IP Rating	Appropriate fitting
IP40	Hinged fitting
IP67	Sealed fittings
	Degree of mechanical protection
	Very high flexibility & fatigue life
	Very high abrasion, impact and shock resistance at low temperatures

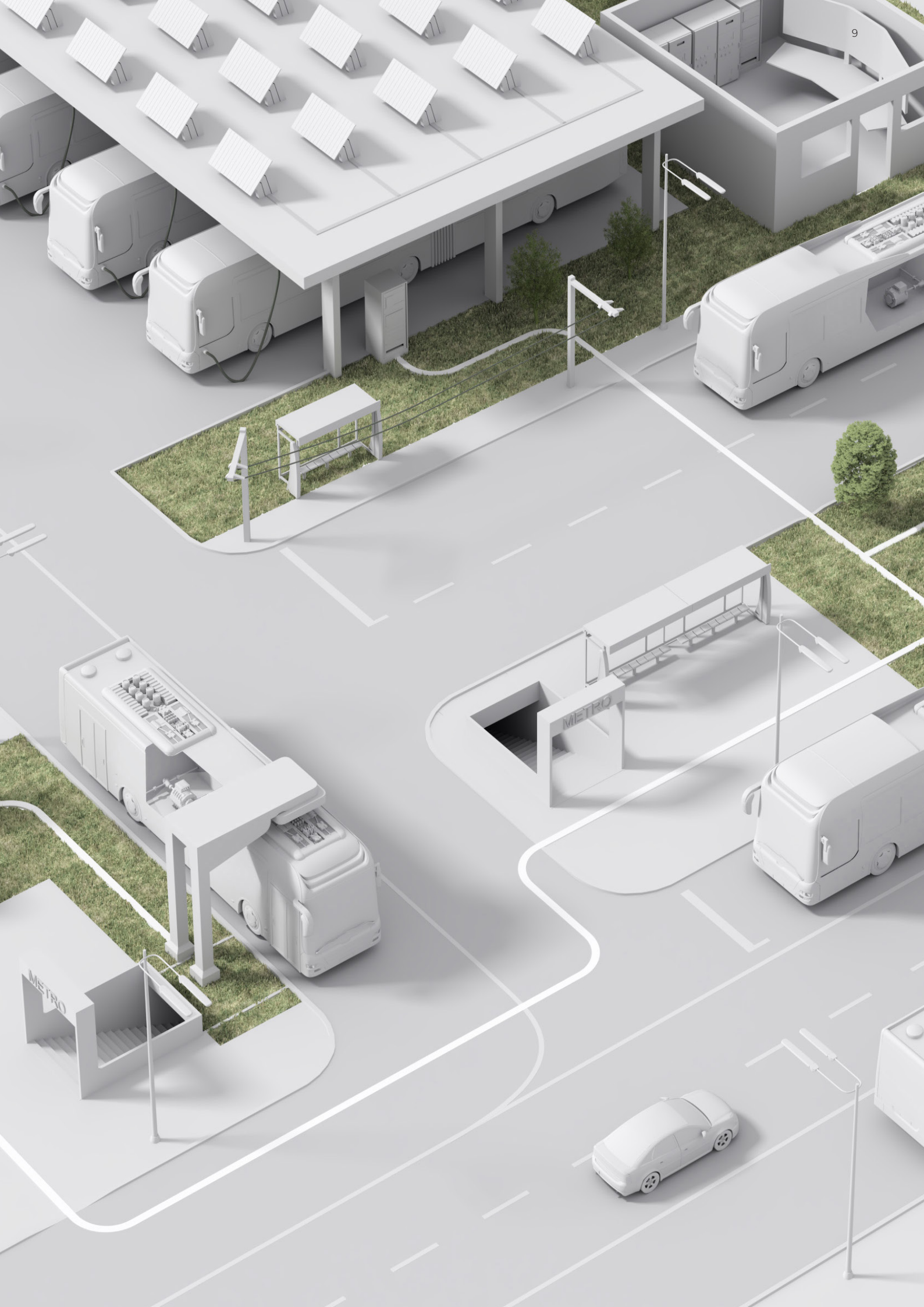
Temperature range
Long term: -50°C to +135°C
Short term: +175°C
Fire perfomance
Self extinguishing
Low smoke toxicity
Halogen free

UV resistance
Very high

Dimensions

	Solid Part No.	Conduit size NC	NW	US	Nominal O/D A (mm)	Min. bore B (mm)	Min. static bend radius C (mm)	Reel length (m)
	CPC20/OR/50M	20	17	½	21.00	16.05	40.0	50
	CPC28/OR/50M	28	23	¾	28.25	21.20	45.0	50

*Other sizes available on request


METRO
METRO

Connectors are often left exposed, leaving them open to intrusion, excessive strain and impact damage.

Harnessflex® EVO™ conduit systems
Talking about EV connector risks

With countries across the globe looking to tackle climate change through less carbon emissions and greater sustainability, the shift towards electric modes of transport is ever-growing.

With the electric vehicle (EV) industry projected to see compounded annual growth (CAGR) of 21.1% over the next 10 years, we can soon expect to see more electric cars, buses, trucks, trams and trains in our cities.

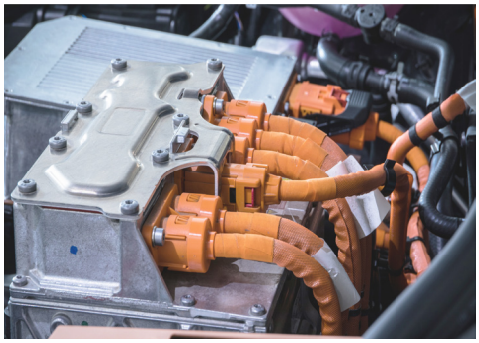
With electric vehicles soon to become the norm, it is important that their reputation for reliability is maintained. Electric vehicles contain significant critical wiring that facilitates their operation. Therefore, the optimum level of cable protection is absolutely crucial in order to maintain the vehicle's productivity.

Without the right cable protection system in place, electric vehicles may become prone to critical electrical failure which will cause them to breakdown, resulting in timetable disruptions and repair costs.

One of the key areas at risk is the vital link between cable and connector. Without robust backshell protection, cables running into connectors are often left exposed, leaving them open to intrusion, excessive strain and impact damage - all of which can lead to electrical faults and vehicle failure.

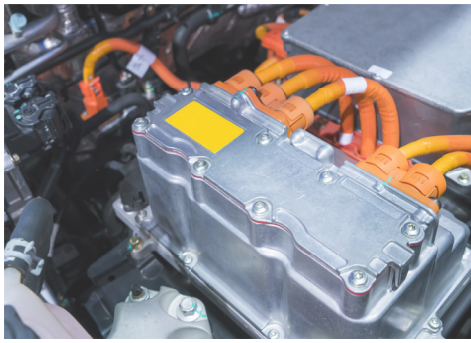
—
01 No strain relief present.
—
02 Exposed HV cable.
—
03 Extra engineering required.
—
04 Compromise of connector seals.
—
05 Debris intrusion hotspot.
—
06 Management of bulky cables.

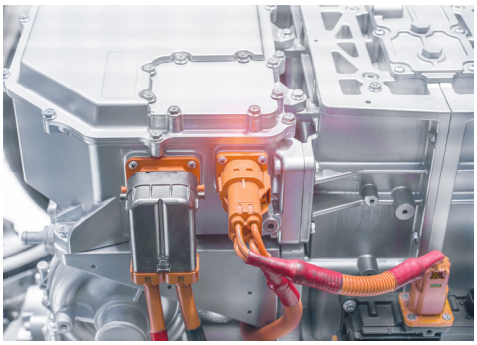
—
01



—
03

—
04





—
02

—
05

—
06

EVO™ High voltage connectors

HV Connector interfaces

Features & benefits:

- Supports connector Ingress Protection (IP) performance
- Isolates and reduces cable movement
- Provides cable-connector interface with high mechanical protection
- Provides connector to cable strain relief
- High pull-off strength - conduit corrugations sit tightly into joiner junctions
- Enhanced abrasion and vibration protection
- External fit for unrestricted bore and quick assembly
- Tamperproof, integrated clip system as standard
- Safe for use with 1000V AC and 1500V DC

Applications:

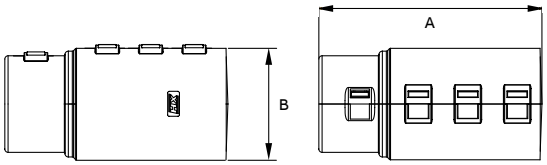
- For use with high voltage connectors
- Power Distribution Units (PDU)
- Motor Control Units (MCU)
- Inverters
- DC Drive Motors
- In-wheel Motors
- E-Axles
- High Voltage Battery Packs
- Hybrid Systems
- Static Power Systems
- Marine

01 **EVO™ High voltage connectors** HV Connector interfaces.

01

EVO™ high voltage connectors for use with Amphenol Powerlok high voltage connectors

	Part No.	Connector Series NC	Connector Series NW	Connector Series	Dimensions (mm) A	Dimensions (mm) B
	CI25-PL300	25	22	Amphenol Powerlok 300 (1 Pos)	67.7	33.8
	CI28-PL300	28	23	Amphenol Powerlok 300 (1 Pos)	68.5	33.8

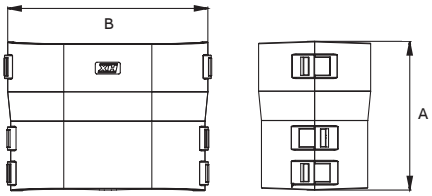


EVO™ High voltage connectors

HV Connector interfaces

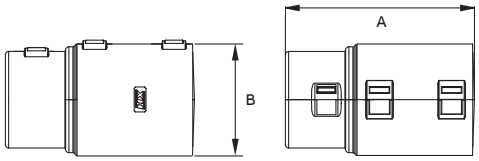
EVO™ high voltage connectors for use with Amphenol Powerlok high voltage connectors

	Connector Series			Dimensions (mm)	
Part No.	NC	NW	Connector Series	A	B
CI25-PL282-PL300	25	22	Amphenol Powerlok 300 (2 Pos)	50.7	38.2
CI28-PL282-PL300	28	23	Amphenol Powerlok 300 (2 Pos)	50.7	38.2



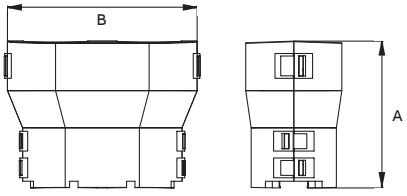
EVO™ high voltage connectors for use with Amphenol Powerlok high voltage connectors

	Connector Series			Dimensions (mm)	
Part No.	NC	NW	Connector Series	A	B
CI25-PL18-G2	25	22	Amphenol Powerlok 300 G2 (1 Pos)	59.5	34.2
CI28-PL18-G2	28	23	Amphenol Powerlok 300 G2 (1 Pos)	59.5	34.2



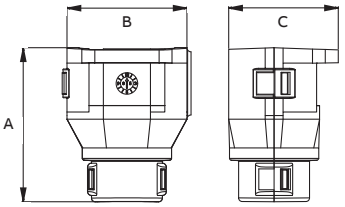
EVO™ high voltage connectors for use with Amphenol Powerlok high voltage connectors

	Connector Series			Dimensions (mm)	
Part No.	NC	NW	Connector Series	A	B
CI25-PL182-G2	25	22	Amphenol Powerlok 300 G2 (2 Pos)	59.7	76.6
CI28-PL182-G2	28	23	Amphenol Powerlok 300 G2 (2 Pos)	59.7	76.6



EVO™ high voltage connectors for use with TE HVA280-3 high voltage connectors

	Connector Series		Connector	Dimensions (mm)		
Part No.	NC	NW	Series	A	B	C
CI16-HVA280-3	16	13	TE HVA280	42.9	33.4	30.6

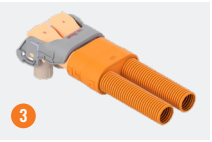


HARNESSFLEX EVO CONNECTOR INTERFACE - QUICK REFERENCE CHART

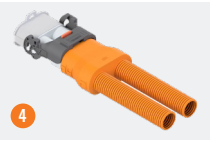
Harnessflex

TYPE	Amphenol PL18-G2 (Straight)
Part No.	Connector
CI25-PL18-G2	PL18T-301-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL18U-301-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL18V-301-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL18W-301-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL18X-301-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL18Y-301-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL18T-300-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL18U-300-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL18V-300-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL18W-300-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL18X-300-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL18Y-300-50-2.5
CI28-PL18-G2	
CI28-PL18-G2	PL18T-301-70-2.5
CI28-PL18-G2	PL18U-301-70-2.5
CI28-PL18-G2	PL18V-301-70-2.5
CI28-PL18-G2	PL18W-301-70-2.5
CI28-PL18-G2	PL18X-301-70-2.5
CI28-PL18-G2	PL18Y-301-70-2.5
CI28-PL18-G2	PL18T-300-70-2.5
CI28-PL18-G2	PL18U-300-70-2.5
CI28-PL18-G2	PL18V-300-70-2.5
CI28-PL18-G2	PL18W-300-70-2.5
CI28-PL18-G2	PL18X-300-70-2.5
CI28-PL18-G2	PL18Y-300-70-2.5

TYPE	Amphenol PL28-G2 (90°)
Part No.	Connector
CI25-PL18-G2	PL28T-301-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL28U-301-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL28V-301-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL18W-301-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL28X-301-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL28Y-301-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL28T-300-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL28U-300-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL28V-300-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL28W-300-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL28X-300-50-2.5
CI28-PL18-G2	
CI25-PL18-G2	PL28Y-300-50-2.5
CI28-PL18-G2	
CI28-PL18-G2	PL28T-301-70-2.5
CI28-PL18-G2	PL28U-301-70-2.5
CI28-PL18-G2	PL28V-301-70-2.5
CI28-PL18-G2	PL28W-301-70-2.5
CI28-PL18-G2	PL28X-301-70-2.5
CI28-PL18-G2	PL28Y-301-70-2.5
CI28-PL18-G2	PL28T-300-70-2.5
CI28-PL18-G2	PL28U-300-70-2.5
CI28-PL18-G2	PL28V-300-70-2.5
CI28-PL18-G2	PL28W-300-70-2.5
CI28-PL18-G2	PL28X-300-70-2.5
CI28-PL18-G2	PL28Y-300-70-2.5



TYPE	Amphenol PL300 PL282 (90°)
Part No.	Connector
CI25-PL282-PL300	PL282X-301-35
CI28-PL282-PL300	
CI25-PL282-PL300	PL282Y-301-35
CI28-PL282-PL300	
CI25-PL282-PL300	PL282X-301-50
CI28-PL282-PL300	
CI25-PL282-PL300	PL282Y-301-50
CI28-PL282-PL300	
CI28-PL282-PL300	PL282X-301-70
CI28-PL282-PL300	PL282Y-301-70
CI25-PL282-PL300	PL282X-300-35
CI28-PL282-PL300	
CI25-PL282-PL300	PL282Y-300-35
CI28-PL282-PL300	
CI25-PL282-PL300	PL282X-300-50
CI28-PL282-PL300	
CI25-PL282-PL300	PL282Y-300-50
CI28-PL282-PL300	
CI28-PL282-PL300	PL282X-300-70
CI28-PL282-PL300	PL282Y-300-70



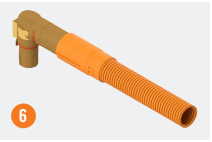
TYPE	Amphenol PL28 G2 (Straight)
Part No.	Connector
CI25-PL182-G2	PL182X-301-50-2-5
CI28-PL182-G2	
CI25-PL182-G2	PL182Y-301-50-2-5
CI28-PL182-G2	
CI25-PL182-G2	PL182U-301-50-2-5
CI28-PL182-G2	
CI25-PL182-G2	PL182V-301-50-2-5
CI28-PL182-G2	
CI25-PL182-G2	PL182X-300-50-2-5
CI28-PL182-G2	
CI25-PL182-G2	PL182Y-300-50-2-5
CI28-PL182-G2	
CI25-PL182-G2	PL182U-300-50-2-5
CI28-PL182-G2	
CI25-PL182-G2	PL182V-300-50-2-5
CI28-PL182-G2	
CI28-PL182-G2	PL182X-301-70-2-5
CI28-PL182-G2	PL182Y-301-70-2-5
CI28-PL182-G2	PL182U-301-70-2-5
CI28-PL182-G2	PL182V-301-70-2-5
CI28-PL182-G2	PL182X-300-70-2-5
CI28-PL182-G2	PL182Y-300-70-2-5
CI28-PL182-G2	PL182U-300-70-2-5
CI28-PL182-G2	PL182V-300-70-2-5

TYPE	Amphenol PL300 (Straight)
Part No.	Connector
CI25-PL300	PL18X-300-35-5
CI28-PL300	
CI25-PL300	PL18Y-300-35-5
CI28-PL300	
CI25-PL300	PL18U-300-35-5
CI28-PL300	
CI25-PL300	PL18V-300-35-5
CI28-PL300	
CI25-PL300	PL18W-300-35-5
CI28-PL300	
CI25-PL300	PL18T-300-35-5
CI28-PL300	
CI25-PL300	PL18X-301-35-5
CI28-PL300	
CI25-PL300	PL18Y-301-35-5
CI28-PL300	
CI25-PL300	PL18U-301-35-5
CI28-PL300	
CI25-PL300	PL18V-301-35-5
CI28-PL300	
CI25-PL300	PL18W-301-35-5
CI28-PL300	
CI25-PL300	PL18T-301-35-5
CI28-PL300	
CI25-PL300	PL18X-300-50-5
CI28-PL300	
CI25-PL300	PL18Y-300-50-5
CI28-PL300	
CI25-PL300	PL18U-300-50-5
CI28-PL300	
CI25-PL300	PL18V-300-50-5
CI28-PL300	
CI25-PL300	PL18W-300-50-5
CI28-PL300	
CI25-PL300	PL18T-300-50-5
CI25-PL300	

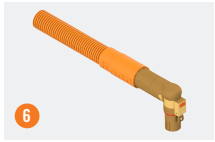
EVO™ CONDUIT SYSTEMS – PRODUCT SELECTION GUIDE

TYPE	Conduit material	Conduit weight	Slit version available	Temperature Range: Long term static min.	Long term static max.	Short term (3000 hrs)	Short term (200 hrs)
NC	Polyamide 6	Standard	•	-40°C	+120°C	+150°C	+175°C
CTPA	Polyamide 6	Light	•	-40°C	+120°C	+135°C	+135°C
CPC	Co-Polyester	Medium	–	-50°C	+135°C	+150°C	+175°C

TYPE	Amphenol PL300 (Straight)
Part No.	Connector
28-PL300	PL18X-301-50-5
25-PL300	
28-PL300	PL18Y-301-50-5
25-PL300	
28-PL300	PL18U-301-50-5
25-PL300	
28-PL300	PL18V-301-50-5
25-PL300	
28-PL300	PL18W-301-50-5
25-PL300	
28-PL300	PL18T-301-50-5
25-PL300	
28-PL300	PL18X-300-50-5
25-PL300	
28-PL300	PL18Y-300-70-5
28-PL300	PL18U-300-70-5
28-PL300	PL18V-300-70-5
28-PL300	PL18W-300-70-5
28-PL300	PL18T-300-70-5
28-PL300	PL18X-301-70-5
28-PL300	PL18Y-301-70-5
28-PL300	PL18U-301-70-5
28-PL300	PL18V-301-70-5
28-PL300	PL18W-301-70-5
28-PL300	PL18T-301-70-5



TYPE	Amphenol PL300 (90°)
Part No.	Connector
CI25-PL300	PL28X-300-35-5
CI28-PL300	
CI25-PL300	PL28Y-300-35-5
CI28-PL300	
CI25-PL300	PL28U-300-35-5
CI28-PL300	
CI25-PL300	PL28V-300-35-5
CI28-PL300	
CI25-PL300	PL28W-300-35-5
CI28-PL300	
CI25-PL300	PL28T-300-35-5
CI28-PL300	
CI25-PL300	PL28X-301-35-5
CI28-PL300	
CI25-PL300	PL28Y-301-35-5
CI28-PL300	
CI25-PL300	PL28U-301-35-5
CI28-PL300	
CI25-PL300	PL28V-301-35-5
CI28-PL300	
CI25-PL300	PL28W-301-35-5
CI28-PL300	
CI25-PL300	PL28T-301-35-5
CI28-PL300	
CI25-PL300	PL28X-300-50-5
CI28-PL300	
CI25-PL300	PL28Y-300-50-5
CI28-PL300	
CI25-PL300	PL28U-300-50-5
CI28-PL300	
CI25-PL300	PL28V-300-50-5
CI28-PL300	
CI25-PL300	PL28W-300-50-5
CI28-PL300	
CI25-PL300	PL28T-300-50-5
CI28-PL300	



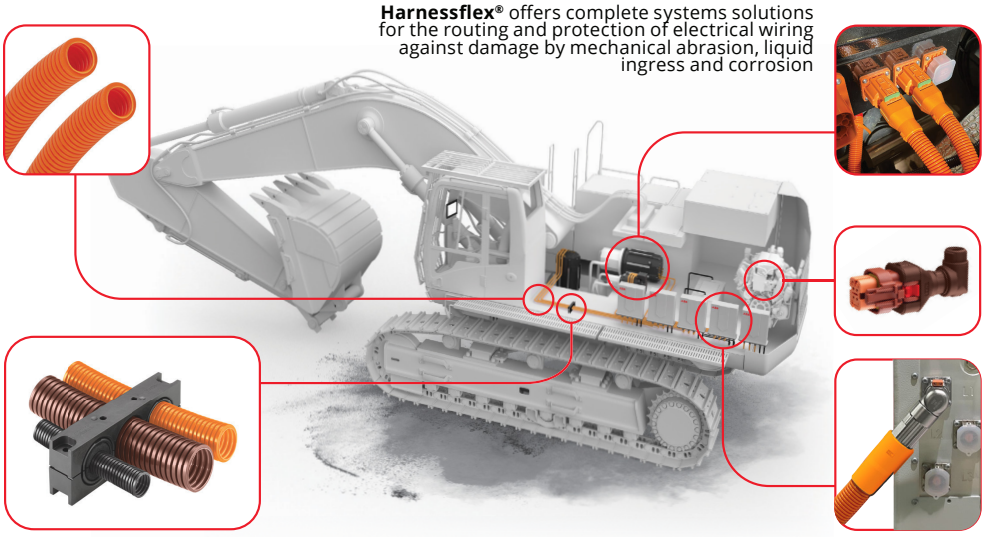
TYPE	Amphenol PL300 (90°)
Part No.	Connector
CI25-PL300	PL28X-301-50-5
CI28-PL300	
CI25-PL300	PL28Y-301-50-5
CI28-PL300	
CI25-PL300	PL28U-301-50-5
CI28-PL300	
CI25-PL300	PL28V-301-50-5
CI28-PL300	
CI25-PL300	PL28W-301-50-5
CI28-PL300	
CI25-PL300	PL28T-301-50-5
CI28-PL300	
CI28-PL300	PL28X-300-70-5
CI28-PL300	PL28Y-300-70-5
CI28-PL300	PL28U-300-70-5
CI28-PL300	PL28V-300-70-5
CI28-PL300	PL28W-300-70-5
CI28-PL300	PL28T-300-70-5
CI28-PL300	PL28X-301-70-5
CI28-PL300	PL28Y-301-70-5
CI28-PL300	PL28U-301-70-5
CI28-PL300	PL28V-301-70-5
CI28-PL300	PL28W-301-70-5
CI28-PL300	PL28T-301-70-5

TYPE		TE HVA280 3P
Part No.	Connector	Compatible Connector
CI16-HVA280-3	4-2103015-1	2103013-1
		2103013-2
		2103013-3
CI16-HVA280-3	4-2103015-2	2103013-1
		2103013-2
		2103013-3
CI16-HVA280-3	4-2103015-3	2103013-1
		2103013-2
		2103013-3
CI16-HVA280-3	4-2103015-4	2103013-1
		2103013-2
		2103013-3
CI16-HVA280-3	4-2103015-5	2103013-1
		2103013-2
		2103013-3
CI16-HVA280-3	4-2103015-6	2103013-1
		2103013-2
		2103013-3

CONNECTOR KEY

1. Amphenol PL18-G2 (Straight)
2. Amphenol PL28-G2 (90°)
3. Amphenol PL300 PL282 (90°)
4. Amphenol PL182-G2 (Straight)
5. Amphenol PL300 (Straight)
6. Amphenol PL300 (90°)
7. TE HVA280 3P

Harnessflex® offers complete systems solutions for the routing and protection of electrical wiring against damage by mechanical abrasion, liquid ingress and corrosion



DESIGNING A HARNESS?

Contact us today to discuss with our Harnessflex experts on how we can improve the reliability and performance of the electrical wiring harness so your vehicle and business stays up and running when you need it.

1800 777 458 sales@quikcrimp.com.au quikcrimp.com.au

WHO IS QUIKCRIMP

Quikcrimp Australia is the exclusive distributor for the Harnessflex products in Australia and New Zealand (ANZ). We are a specialist stockist of the Harnessflex specialised range of flexible conduit systems, fittings and accessories, supplying and servicing customers in the automotive and electrical markets with their harness applications.

NSW 2 Bellevue Circuit
Greystanes 2145

WA 133 Logistics Boulevard
Kenwick 6107