



Interfaces Introduction

Vehicle electrical system faults are often traced to problems at the cable entry points of electrical connectors. Harnessflex connector interfaces are designed to protect against the high pressure wash-down, excessive cable strain and mechanical abrasion identified as the principle causes.

Capabilities

Harnessflex works closely with many OEM's to develop protection for electrical connectors (a critical area of an engine harness).

Our experienced internal design team uses 3D CAD modelling software to produce various concepts for customer approval.

Once a design is selected, a rapid prototype of the interface can be supplied to assist pre-production process.

These prototype parts can be used for validation, due to the close approximation of properties of the material used in the prototyping process and materials used in our injection moulded components.

With Harnessflex's history of connector interface design and our understanding of customers requirements, we are well placed to produce bespoke designs to integrate electrical connectors into a harness design.

Features & benefits

- Interfaces can be used in areas where electrical connectors are vulnerable to high pressure washing
- Our interfaces offer strain relief to crimped contacts
- When our 90° swivel elbows are used with interfaces they allow the harness to self level
- Using our part CI-MF-90, in addition to a standard 90° swivel fitting, a 180° swivel bend is possible

