


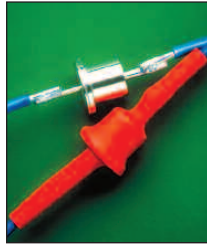


# Product Guide



A Stocking  
Distributor of high  
performance and high quality  
interconnection products and services  
with specialist knowledge in the Motorsport sector

IS-Motorsport have established a strong reputation with over 20 years experience servicing the Motorsport industry, supplying an extensive range of high performance electrical interconnection products and services through a dedicated business support team. IS-Motorsport supply into F1, WRC, A1-GP, Sports Cars and Touring car racing classifications, as well as many ancillary service providers. The extensive product portfolio provides solutions from individual components for the most demanding Motorsport applications.



## Heat-shrinkable Tubing

Heat-shrinkable tubing is available in an extensive range of materials, sizes and colours. Materials available include Fluoropolymers, Polyolefins, Elastomers and Silicone, many of which are cross-linked for enhanced performance.

Tubing sizes range from 1mm to 100mm and shrink ratios from 2:1 to 4:1 enabling use in a wide range of new and retro-fit motorsport applications.

Temperature capabilities range from -75°C to +250°C. Product characteristics include excellent electrical performance, chemical and fluid resistance as well as protection against extreme environmental, mechanical, vibration and abrasive hazards.



## Wire & Cable

An extensive portfolio of wire and cable available in a wide range of constructions, gauge sizes and colours. The products cover primary wire, screened and jacketed, multi-core, airframe, co-axial and custom.

Product characteristics include chemical and fluid resistance, lightweight, highly flexible, excellent electrical and mechanical performance. Temperature capabilities range from -65°C to +260°C allowing products to be used in even the most extreme motorsport applications.

## Heat-shrinkable Moulded Parts & Shapes

Using heat-shrink technology, moulded parts and shapes are available in a wide range of configurations, sizes and materials, including miniature, lightweight, space-saving straight boots.

- Provides environmental protection and strain relief for cable terminations and harness breakouts
- Fluid resistance, high temperature, low smoke/zero halogen, NBC resistance and general purpose grade materials available
- Adhesive coated variants for convenience of installation and to provide environmental sealing
- Electrically screened parts also stocked
- Material selection enables full integration and compatibility with other harness components, to produce electrical harness systems for use in the most extreme environments
- Operating temperature range from -75°C to +200°C



## Adhesives & Potting Compounds

Products include epoxies, adhesives, potting compounds, fillers, coatings, tapes and cloths. All capable of operating under extreme temperatures and environmental conditions. Typical characteristics include fast cure, flexibility and high expansion ratios.



## Connector Accessories

Connector Nutplates provide an easy solution for securing fixed receptacle connectors in any location. The nutplates eliminate the need for separate nuts and washers and the potential to lose parts in critical areas, such as engine compartments.



## Identification Labels & Systems

Identification and labelling solutions are an important component in any electrical system, wherever identification and traceability are required, be it a harness, wire, control panel or component.

The range covers a multitude of styles and materials including: heat-shrinkable, tie-on, wrap-around and adhesive labels, all of which meet international standards.

All materials can be permanently marked using an indelible marker or printed on using dot matrix through to state of the art thermal transfer printers.

Typical performance characteristics include extreme temperatures, zero halogen, low smoke, low toxicity, chemical and abrasion resistance, electrical insulation, strain relief and UV resistance with the CCUV sleeves.



## Switches

An extensive product line including Pushbutton, Rocker, Toggle/Trim, Limit, Rotary, Basic and other high performance speciality switches and hand grips.

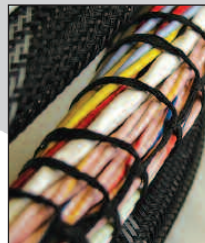
- Solutions for the toughest and most demanding applications
- Range of environmental sealing ratings up to IP68
- Choice of case styles, printed logos and custom design options
- Hall Effect technology (digital and analogue output options up to 10 million cycle life)
- Positive tactile feel
- Programmable LCD switches and displays (including new OLED technology)



## Protective Sleeving & Edge Protection Products

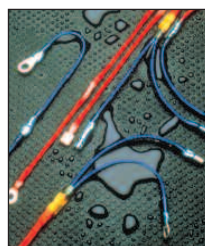
A range of protective sleeving and edge protection products are available from world leading manufacturers, providing protection for cable harnesses, hoses and pipes. Applications range from commercial to high performance, demanding environments.

- Wide variety of easy to install constructions including wrap-round, expandable, heat-shrinkable, spiral binding and metal braids
- Thermal, abrasion, electrical EMC/EMI, chemical and noise protection products available
- Materials include Nomex, polyester, PPS and silicone coated glass fibre
- Edge protection products range from commercial grades through to approved aerospace products
- Temperature capabilities range from -54°C to +1100°C



## Cable Management Systems

Complementing the product portfolio, a vast range of professional cable management accessories are also available. Products include cable ties, adhesive backed mounts, push mounts, cable tie mounts and clips amongst others. Products are available in a wide range of materials, (from Nylon to high performance Stainless Steel) styles, sizes and colours. Temperature range from -80°C to +538°C.



## Interconnection & Termination Devices

Interconnection and termination devices offer an inexpensive and single step, easy to use method of producing high quality wire splicing, solder and crimp jointing, sealing and co-axial shield terminating. Temperature capabilities range from -55°C to +260°C.



## Application Tools

Application equipment designed by leading manufacturers and component suppliers are also available. Tools cover wire preparation, cutters and strippers, calibration gauges, manual and automatic cable tie installation, identification sleeve and label printing and processing equipment.

## Value Added Services

IS-Motorsport offer a range of value added services, including a printing bureau, a harness design service, spooling, cut pieces, and equipment repair.

## Customer Services

Our customer services are focussed on meeting your requirements by offering:

- Dedicated business co-ordinators and full technical support
- Efficient enquiry and quotation response
- Flexible MOQ's and pack sizes
- Next day delivery on stock items,
- An extensive "Off the shelf" stock portfolio
- Extended office and warehouse hours.

## Suppliers

IS-Motorsport supply high performance racing products from some of the worlds leading motorsport product manufacturers.

- Tyco Electronics (*formerly Raychem*)
- Federal Mogul
- Panduit
- Cotronics
- Gudebrod
- Lemo
- Otto
- NKK

***For further information, please contact  
the IS-Motorsport sales team.***



## The IS-Motorsport Team

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