

Introduction

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

Typical characteristics include chemical and fluid resistance, lightweight, highly flexible and excellent electrical and mechanical performance. Temperature capabilities range from -65°C to 260°C allowing products to be used in a wide variety of markets and applications. The current stock profile also contains a large selection of Aerospace wire and cables, including XLETFE, XLPE/XLPVDF and Hybrid constructions for use in the majority of today's commercial and military aircraft fleets.

Typical Features & Benefits

- Chemical resistance
- Electrical insulation
- Fluid & solvent resistance
- Flexibility
- Flame-retardant, Low Smoke
- Lightweight
- Extreme temperature performance
- Materials available to suit a wide range of markets and applications

Introduction

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We are committed to supplying an extensive range of wire and cable products using the latest insulation systems, with a wide choice of constructions, gauge sizes and colours.

XLPE/XLPVDF

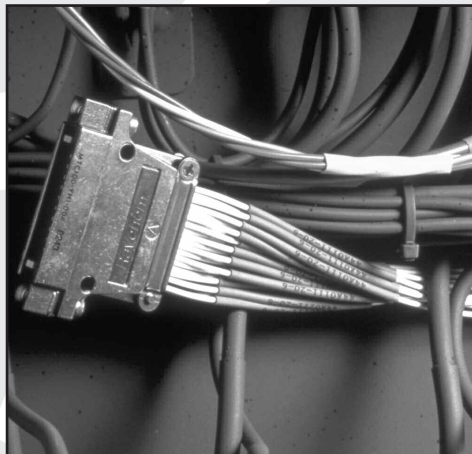
Specifically designed for Aerospace, Military, Motorsport and Commercial applications. The resulting wire systems offer a high performance dual wall construction, widely specified and approved in many applications.

Features & Benefits

- Low smoke and corrosive gas generation
- Small size, lightweight dual wall construction
- Excellent chemical resistance
- Excellent electrical arc tracking performance

Operating Temperature

- -65°C to +150°C



XLETFE

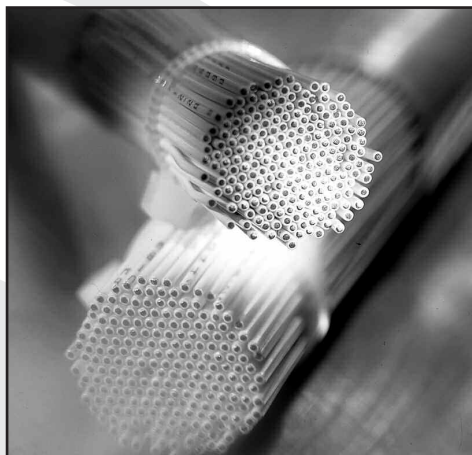
Extensively specified as a high performance lightweight wiring system in many Aerospace, Military, Motorsport and Commercial applications. It offers a broad balance of excellent mechanical and electrical properties.

Features & Benefits

- Single and dual wall constructions
- Small size, lightweight & high mechanical strength
- Exceptional chemical and electrical arc tracking and flame retardant performance

Operating Temperature

- -65°C to +200°C
(Silver/Nickel plated conductors)
- -65°C to +150°C
(Tin plated conductors)





HYBRID

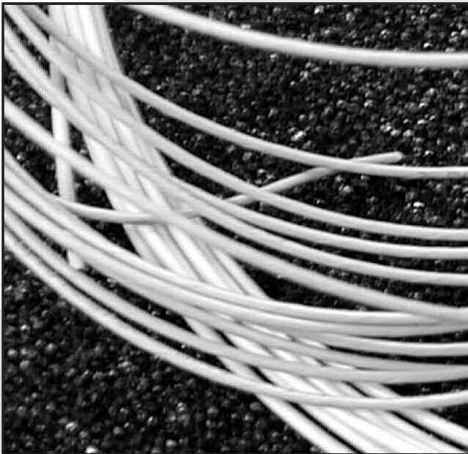
Manufactured using tape wrapped sintered materials to provide exceptional performance, through superior resistance to arc tracking and chemical attack.

Features & Benefits

- Low smoke generation
- Excellent chemical resistance
- Small size and ultra lightweight construction
- Optimum resistance to wet arc tracking performance

Operating Temperature

- -75°C to +260°C (Nickel plated conductors)
- -75°C to +200°C (Silver plated conductors)
- -75°C to +150°C (Tin plated conductors)



PTFE

PTFE insulation offers wiring systems the capability of operating in the most demanding environments. It has excellent thermal and electrical properties and is typically found in electrical equipment and instrumentation systems.

Features & Benefits

- Excellent chemical resistance and very high dielectric performance
- Silver (Ag) and Nickel (Ni) plated conductors
- Mechanically tough and flexible
- Non flammable

Operating Temperature

- -75°C to +260°C (Nickel plated conductors)
- -75°C to +200°C (Silver plated conductors)

Note: Additional wire and cable capabilities include co-axial, data-bus, fibre optic, miniature and specialised multi-core cables. For more information on any of these, or for assistance with your specific requirements, please contact us.