



الكيان للإستيراد والتصدير



ELKAYAN
IMPORT AND EXPORT.

ABOUT US

OUR VISION

is to contribute to the improvement of the end consumer's quality of life, through safe and reliable products that are manufactured with advanced technology, friendly towards people and the environment.

OUR MISSION

is directly addressing the needs of our clients , through the constant improvement of our products and services, emphasizing especially on the development of our human resources,

Our Values are:

- Respect for the environment and for people.
- Knowledge, competence and professional behaviour.
- Honesty, integrity and prudence.
- Team spirit and collaborative attitude.
- Action and results orientation.



NEXANS' EXPERTISE IN FIRE INDUSTRY

TAILOR MADE SOLUTIONS MAIN FEATURES

•Performances:

- Flame & Fire retardant,
- Fire resistant up to 1100°C
- High operating temperature up to 105°C
- Low temperature resistance down to -60°C
- Hydrocarbon resistance through use of lead sheathing or lead free alternative HYPRON
- UV resistance
- Anti-termite/rodent/fungi protection
- Electro-magnetic protection (Control / Instrumentation)

•Protecting your assets and people against fire threats

- Increased fire resistance
- Low level of smoke generation
- No or low level of halogens
- Low level of corrosion of smoke



**Low
smoke**



**Fire
retardant**



**Fire
esistant**

IMPORTANCE OF SAFETY FIRE

- **Electrical cables can warrant the supply of energy and the transmission of information.**
- **According to the behavior of fire safety cables during fire, they can be classified in two categories:**
 - Low fire-hazard cables.
 - Fire resistant cables.
- **Fire cables Restrict the propagation of fire and the heat release.**
- **Main types of fire resistant cables are:**
 - NX 100 / NX300 / NX400 / NX600

• **NX100 : Construction**

- **Conductor: Copper**
- **Fire barrier: Mica tape**
- **Insulation: XL-HFFR**



BS 6387; BS 8592:2016

Fire performance:

BS 6387 CAT CWZ (Design)
IEC 60331-21 (Fire resistance)
IEC 60332-3 Cat.C (Fire retardance)
IEC 61034 (Smoke density)
IEC 60754-2 (Gases corrosivity)
EN 50200 PH
BS 8434-2

•NX300 : Construction

- Conductor: Copper
- Fire barrier: Mica tape
- Insulation: XLPE
- Bedding: LSZH
- Outer sheath: LSZH



BS 6387; BS 7846

Fire performance:

BS 6387 CAT CWZ (Design)
IEC 60331-21 (Fire resistance)
IEC 60332-3 Cat.C (Fire retardance)
IEC 61034 (Smoke density)
IEC 60754-2 (Gases corrosivity)
EN 50200 PH

•NX400 : Construction

- Conductor: Copper
- Fire barrier: Mica tape
- Insulation: XLPE
- Bedding: LSZH
- Armour: SWA
- Outer sheath: LSZH



BS 7846 -F2 & BS 6387

Fire performance:

BS 6387 CAT CWZ (Design)
IEC 60331-21 (Fire resistance)
IEC 60332-3 Cat.C (Fire retardance)
IEC 61034 (Smoke density)
IEC 60754-2 (Gases corrosivity)
EN 50200 PH

•NX600 : Construction

- Conductor: Copper
- Fire barrier: Mica tape
- Insulation: XLPE
- Inner layer: Glass tape
- Bedding: LSZH
- Armour: SWA
- Outer layer: Glass tape
- Outer sheath: LSZH



BS 7846 CAT F2 & F120

Fire performance:

BS 8519 CAT 1,2,3
IEC 60331-21 (Fire resistance)
IEC 60332-3 Cat.C (Fire retardance)
IEC 61034 (Smoke density)
IEC 60754-2 (Gases corrosivity)
EN 50200 PH
BS 8491



Is the world leader in the design, manufacture and marketing of specialty wire and cable products, and owns the latest state of the art manufacturing facilities in US, Canada and Europe.

As a leading manufacturer of wire and cables, Belden understands the important role of networking cables in providing your critical communications links.

Whether you're transporting data, voice, video, or any combination, Belden has the cable you need. Belden have offers more than 5,000 products for IT, telecommunication, audio/video, industrial and electrical markets.

Customers specify Belden when they're seeking reliability, innovation and performance.

PRODUCT RANGE AVAILABLE IN STOCK

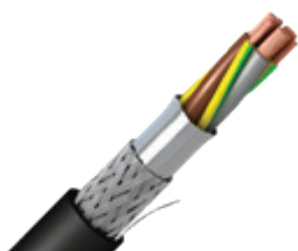
- **FIBER OPTIC CABLES FOR COMPUTER NETWORKING, TELECOMMUNICATION AND CATV**
- **TWISTED PAIR (SHIELDED AND UNSHIELDED) CABLES WITH BONDED PAIR TECHNOLOGY FOR COMPUTER NETWORKING**
- **COAXIAL CABLES FOR CCTV, SMATV AND TELECOMMUNICATIONS**
- **TWISTED PAIR AND COAXIAL CABLES FOR THE BROADCAST INDUSTRY**
- **TWISTED PAIR AND COAXIAL CABLES FOR ALL DEMANDS IN INDUSTRIAL NETWORKING EVEN THOSE OF HAZARDOUS AREAS. (FEATURES: ARMOR, RODENT PROTECTION, OIL AND HEAT RESISTANT, DIRECT BURIAL, LSOH)**
- **CUSTOM DESIGNED CABLES**
- **CONTROL AND INSTRUMENTATION CABLES**



Top Cable was founded in 1985 and has grown from a local cable manufacturer in Barcelona, Spain, to a trusted international leader in cable technology, with offices and warehouses located around the globe.

As a family-run company, our principles are based on our core values of efficiency, honesty, integrity, and respect for people and the environment.

These principles apply to all our business affairs and describe the behaviour expected of every employee.



VFD CABLE TYPE ROZ1-K

The new generation of variable-speed drive (VDF) provide a series of advantages to the industry, but at the same time one of their main disadvantages is the emission of electromagnetic interference.

In order to limit the extent of this type of electromagnetic interference it is necessary to use equipment and cable with Electromagnetic Compatibility, known as EMC.

With regards to cable the necessary EMC is achieved by firstly ensuring a symmetrical distribution of the conductors. Secondly, a special protective screen is added to ensure the required EMC when variable-speed drives are used. This means a longer lifespan for the motor or pump being used.

This cable has been specially designed for use in installations where it is necessary to limit the effects of Electromagnetic Interference (EMI),

also known as Radio Frequency Interference (RFI). The source of this kind of interference may be an object or device that carries changing electrical currents.

VFD cables are designed with three phase conductors plus grounding, and have a low smoke emitting and halogen free sheath. They are flexible cables suitable for fixed installations.



MARINE CABLE

TOXFREE MARINE PLUS XTCuZ1-K (AS+) with bedding
 The Toxfree Marine Plus XTCuZ1-K (AS+) is specially designed to transmit electric power in the presence of fire, assuring electric supply to emergency circuits,

like signalling lights, smoke extractors, acoustic alarms, water pumps, etc. In case of fire, it does not emit toxic or corrosive gases, thereby protecting public health and avoiding any possible damage to electronic equipment. For this reason, its use is recommended in public places and marine applications.



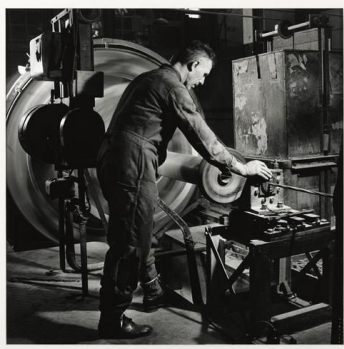
LSZH POWE CABLE

TOXFREE ZH RZ1-K (AS) The Toxfree RZ1-K (AS) cable with zero halogens is a high security cable. In case of fire, it does not emit toxic or corrosive gases, thereby protecting public health and avoiding any possible damage to electronic equipment.

For this reason, its use is recommended in public places such as: hospitals, schools, museums, airports, bus terminals, shops in general, tunnels, the underground, etc., as well as in calculation centres, offices, production plants, laboratories, etc.



WE REPRESENTS THE HISTORY OF CABLE BUSINESS



**Draka brand
was founded in 1910
as the Dutch N.V. wire & cable factory.**



**Pirelli Cable and Systems
was founded in 1879 in Milan.
In 2005 Pirelli became Prysmian.**

Since 2011 Draka and Prysmian have come together in the biggest cable producing company in the world, Prysmian Group .

**The history of our business charts the history of cable industry,
itself marked by many major milestone along the way
which cement our reputation as an early adopter and industry pioneer.**

PRYSMIAN SOLUTIONS FOR THE MIDDLE EAST MARKET



FIRE RESISTANT CONDUIT WIRE WHEN INSTALLED IN METAL CONDUITS AND TRUNKING

FP100® is an excellent choice for upgrading existing conduit based emergency lighting and fire alarm systems to current specifications

IDEAL IN STEEL CONDUIT

- > Ideal for rewiring existing conduit and upgrade to a fire resistant system or where the added mechanical protection or flexibility of a conduit or trunking system is required.
- > May be used for emergency lighting, fire alarm systems and for other essential services.
- > Tough robust insulation prevents damage during installation.
- > LPCB approved: Visit www.redbooklive.com for current certificates
- > Easy to install
- > Fire resistant
- > Flame retardant
- > Afumex low smoke and corrosive gas emissions LSOH®
- > Abrasion and damage resistant
- > Moisture resistant
- > Surge resistant
- > Range of core colours



HARD SKIN **STANDARD** FIRE RESISTANT CABLE INCORPORATING PRYSMIAN UNIQUE INSUDITE™

The right choice for fire alarms, voice evacuation and emergency lighting with minimum installed cost

THE DRESSABLE STANDARD OPTION

- > The classic choice offering the most cost-effective balance of features for surface clipped fire alarm and emergency lighting installations complying with BS 5839 and BS 5268.
- > The unique damage resistant Insudite™ insulation prevents termination and third party damage eliminating expensive rework.
- > The original alternative to MICC with unmatched combination of rigidity, ease of bending and stripping.
- > Superb voice and data transmission characteristics.
- > BASEC approved: Visit www.basec.org.uk for current certificates
- > LPCB approved: Visit www.redbooklive.com for current certificates
- > Fire resistant
- > Reduced flame propagation
- > Fully screened
- > Afumex low smoke and corrosive gas emissions LSOH®
- > Moisture resistant
- > Surge resistant
- > Easy termination
- > Fully screened
- > No segregation required



HARD SKIN **"ENHANCED"** FIRE RESISTANT CABLE WITH ENHANCED INSUDITE™

The right choice for emergency communication, fire alarms and emergency service control cable

THE DRESSABLE ENHANCED OPTION

- > The right choice combining the dressable, easy installation characteristics of FP with the higher temperature, longer, tougher enhanced fire test.
- > Enhanced Insudite helps eliminate not only nicks, cuts and scratches often experienced during installation but also third party damage after first or second fix.
- > BASEC approved: Visit www.basec.org.uk for current certificates
- > LPCB approved: Visit www.redbooklive.com for current certificates
- > Fire resistant
- > Reduced flame propagation
- > Fully screened
- > Afumex low smoke and corrosive gas emissions LSOH®
- > Moisture resistant
- > Surge resistant
- > Easy termination
- > Fully screened
- > No segregation required
- > Excellent data capability



FIRE RESISTANT **ARMoured** POWER CABLE FOR ESSENTIAL SERVICES

The right choice to power emergency services in general buildings

PROTECTION FOR EMERGENCY POWER

- > Easy to install and terminate, gives substantial savings compared with MIOC.
- > Wide range of sizes available in long lengths.
- > Robust armoured cable for added protection against damage, ideal for industrial applications.
- > The general fire resistant power cable to protect emergency plant:
 - > sprinkler pumps
 - > smoke extractors and fire dampers
- > FP400 has been the cable of choice for many projects and applications where previously only MIOC had been approved for use.
- > BASEC approved: Visit www.basec.org.uk for current certificates
- > LPCB approved: Visit www.redbooklive.com for current certificates
- > Fire resistant
- > No special installation skills or tools
- > Reduced flame propagation
- > Low smoke and corrosive gas emissions LSOH®
- > Highly damage resistant
- > Moisture resistant
- > Surge resistant



THE **ULTIMATE** FIRE RESISTANT **ARMoured** POWER CABLE

The right choice to power emergency services in the largest, most complex buildings

ULTIMATE PROTECTION FOR ELECTRICAL EMERGENCY SYSTEMS

- > Install, terminate and gland just like an armoured cable: No special tools required.
- > The last word in fire, reduced flame propagation, low smoke and zero halogen performance. Tested under fire and everyone approves.
- > The best solution for large and complex buildings to power:
 - > fire fighting lifts and lift-shaft lighting
 - > fire suppression including water mist, sprinkler pumps and wet riser pumps
- > BASEC approved: Visit www.basec.org.uk for current certificates
- > LPCB approved: Visit www.redbooklive.com for current certificates
- > LUL approved
- > Fire resistant
- > No special installation skills or tools
- > Reduced flame propagation
- > Low smoke and corrosive gas emissions LSOH®
- > Highly damage resistant
- > Moisture resistant
- > Surge resistant