Nexans range of fire-safety cables meets today’s and tomorrow’s challenges

- Nexans is a major player
- €4.8 billion global expert
- Strong presence in residential, public and office and industrial building sector
- Nexans is the expert in fire safety cabling

- Advanced research facilities for next generation fire-resistant materials
- Innovators in halogen-free solutions and standards (including CPR)

- Complete Range
  - ALSECURE® NX100, 200, 200 PLUS, 400
  - Wide choice of core count and conductor sizes

- Independent Accreditations
  - BASEC/LCPB

- Nexans is the worldwide leader in the cable industry.
  The Group brings an extensive range of advanced copper and optical fiber cable solutions to the infrastructure, industry and building markets. Nexans cables and cabling systems can be found in every area of people’s lives, from telecommunications and energy networks, to building, aerospace, aerospace, transportation, petrochemical, medical applications, etc. With an industrial presence in 29 countries and commercial activities throughout the world, Nexans employs 20,000 people and had sales in 2004 of €4.8 billion euro. Nexans is listed on the Paris stock exchanges.

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**Fire safety begins with cables**

Cables represent over 0.5 percent of a building’s cost. Nonetheless, they can play an important role in ensuring public safety, protecting vital infrastructure, and allowing efficient evacuation and firefighting operations. Tragic fires in Dresden’s passenger rail tunnel, the London Underpass, and the Waldow Viaduct highlight the devastating effects of fire and smoke propagation. Un防火 cans carry toxic fumes, flames, and gases of high velocity for beyond the fire area.

**Cables are the key to fire protection**
- By supporting detection and warning systems
- By supplying vital energy for emergency lighting, elevators, smoke extractors, and fire-fighting equipment

**Construction Products Directive (CPD)**
- Protecting the public while harmonizing the construction market
- Half of the world’s population now live in cities, making public safety and shared international standards a top priority.
- The construction sector is one of the largest energy-intensive environments.

In order to meet the challenge, Nexans has developed **ALSECURE®** fire-resistant cables and **ALSECURE®** fire-resistant cables.

**Standard PVC (Polyvinyl Chloride) cables** provide acceptable fire behavior for low-risk buildings. They are still widely used in construction. In the event of fire, their chlorinated content is released as gas which can burn large and create toxic smoke and gases. Dense smoke can hamper rescue operations. However, **ALSECURE®** provides a far higher level of protection.

**ALSERCURE®** Fire-Resistant cables
- Resistant to fire gases to a cable’s performance in terms of low combustibility and flexibility; as such, to minimize the growth and spread of a fire.

Nexans **ALSECURE®** Halogen-Free Flame Retardant (HFFR) cables not only delay combustion, they also produce little corrosive gases, carbon monoxide, or dense/opaque smoke.

**ALSERCURE®** Fire-Resistant cables
- According to the CPD, fire resistance is expressed in terms of performance over time. Cables are classified according to how long they can continue to operate during a fire. Nexans **ALSECURE®** cables are classified according to the Construction Products Directive (CPD). Fire-Resistant cables are classified according to BS6729 and BS6387 CWZ.

**ALSERCURE® UK Fire-Resistant cables**
- Suitable for powering critical equipment such as emergency generators, lifts, and fire dampers
- Compliant with BS6387 CWZ – PH120, PH30, PH50, PH100
- Recommended for use in all buildings (e.g. hospitals, schools, and high-rise buildings)
- Compliant with 85/389/EEC (amended)
- Suitable for powering critical equipment such as emergency generators, lifts, and fire dampers
- Compliant with BS6387 CWZ

We also supply a range of fire-resistant cable systems for emergency fire telephones, Building Management Systems, fire system networks.

**Fire-Resistant ALSERCURE®**
- Suitable for low risk applications
- Compliant with BS6387 CWZ, PH120, PH30, PH50

**ALSERCURE®** UK Fire-Resistant cables are also Halogen-Free Flame Retardant... providing double protection!