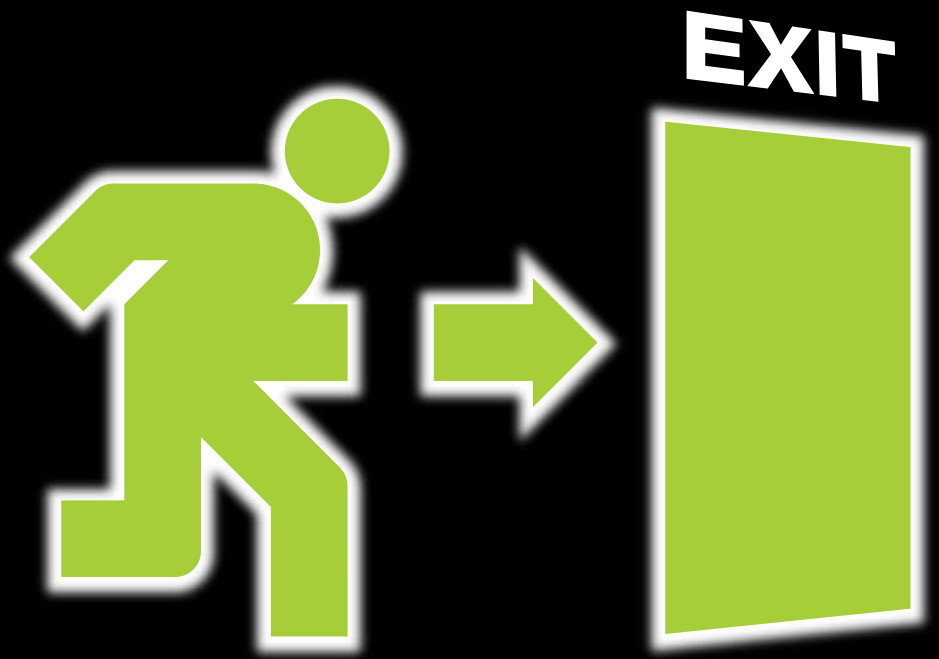




Afumex™ LSOH CABLES



Afumex™

The Safe Choice

The Safe Choice

Afumex™

The most commonly identified cause of death from fire is being overcome by toxic gas or smoke.

In recent years, the increased use of plastics has had a dramatic effect on our daily lives. High smoke density formed by burning PVC insulated cables severely decreases visibility and contributes to panic during escape making search and rescue operations more difficult. Inhaling toxic gases such as carbon monoxide and carbon dioxide can result in suffocation and death within minutes.

Fire is tragic enough but it need not create more tragedy through loss of life during evacuation or rescue.

Corrosive emissions during fire also bring about irreversible damage to all electrical, electronic and metallic equipment within building structures.

Afumex™

The most effective method of cabling to ensure maximum personnel safety and the security of valuable materials

In response, Prysmian Cables & Systems has developed a family of Low Fire Hazard Cables that couple low flame spread and heat release with very low emission of smoke and dangerous gases. These cables help to provide more time to escape and a less hazardous environment for rescue teams.

The AFUMEX™ range of cables contains state of the art cable insulation materials to provide flame retardancy with lower toxic gas evolutions and significantly lower smoke density, ensuring better visibility during evacuation, search and rescue. Due to its zero halogen content, corrosive emissions into the immediate environment are virtually eliminated, securing the material integrity of electrical, electronic and metallic structures.

AFUMEX™ cables are ideal for use in locations which have a high density human occupation and/or frequent human traffic, including high rises, historical buildings, hospitals and universities.

AFUMEX™ cables are more environmentally friendly due to reduced emissions of smoke and harmful effluent under fire conditions. AFUMEX™ cables are part of the Ecology Line™ range, introduced by Prysmian in response to growing concerns about high levels of lead in the environment.

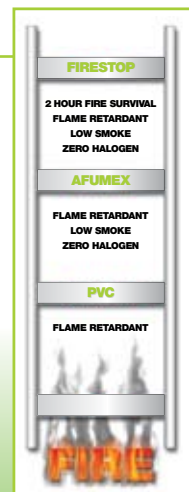
AFUMEX™ is a technologically and ecologically sound answer to the problem of emissions caused by fire.



Performance

AFUMEX™ (Low Fire Hazard) and Firestop (Fire Resistant) cables are part of Prysmian's Fire Performance range which have been specifically developed to maximise safety and eliminate security risks, providing peace of mind.

Prysmian's Fire Performance cables have been adopted for many major projects throughout the world including the Burj Dubai tower, the tallest man-made structure in the world, and the new Formula 1 Grand Prix circuit in Singapore.



Applications

Industry

AFUMEX™ cables improve safety where expensive equipment or crucial processes are at risk. Control rooms, switchboards, panels, white rooms are typical applications (i.e. in power plants, the petrochemical industry, electronics, mines and the paper industry).



Infrastructure

Where large numbers of people congregate, often in unfamiliar environments such as airports, stations, indoor sports stadiums and concert arenas, fire poses a significant risk to life. AFUMEX™ significantly improves the safety aspect of these venues.



Commercial

AFUMEX™ can be used in a wide range of commercial applications including hotels, hospitals, schools, cinemas, banks, commercial shopping centres and offices.



Residential

The level of safety in our homes can be significantly increased through the use of AFUMEX™ cables providing protection for our most valuable asset, our family.





TAKING SAFETY TO NEW HEIGHTS.

PRYSMIAN CABLES. YOUR PROTECTION.

Fire accidents cause serious damages to private and public constructions and the death of thousands of people. Prysmian has been strongly committed to develop a state-of-the-art wide range of fire resistant and low fire hazard cables for private and public constructions in case of fire. The fire safety of worldwide architectural icons and public infrastructures do not lie of course in Prisma's hands only. Prysmian cables.

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ART IS AN ASSET. ITS SAFETY IS A MUST.

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PRYSMIAN



HAVE A SAFE JOURNEY.

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LIFE OF THESE 250,000 PEOPLE DOES NOT HANG BY A THREAD.

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