

It is served.

Our LV a la carte caters for cravings of many kinds.



Prysmian
Group

Plastics in Practice

Have you ever thought of the different plastics in cables, and why – or when – you should choose one type over the other? Here's a short introduction and advantages with different kinds of plastics when used in cables.

PVC

PVC, or Polyvinyl chloride, is a very adaptable and flexible material common in various types of equipment. Thanks to the tensile strength of PVC cables in combination with flexibility, good conductivity properties and ease of jointing, they are often used in areas such as house wiring, home appliances, instrumentation cables and power supply solutions.

PE

PE stands for Polyethylene, another plastic material. It is highly robust and hard-wearing, which makes it ideal for burial installations. However, PE tends to burn when exposed to very high temperatures, and is thus not suitable for installations in buildings frequently visited by people or animals.

XLPE

Cross-linked polyethylene, XLPE, is also a polyethylene. Just as PE this type is hard-wearing with a high resistance to chemicals and moisture. In addition, XLPE is more resilient to heat and keeps its shape after heating. The characteristics make the material great as cable insulation and for cables intended for burial installation. The material is commonly used for power supply and also in building wires.

LSOH

The LSOH is short for Low Smoke Zero Halogen. The material has the same great advantages as PVC, with the important difference that LSOH emits a lot less dark and toxic smoke, which obstructs the ability for evacuation in case of a fire. In addition, LSOH does not contain any hydrochloric acid which destroys electrical equipment, or phthalates and dioxin dangerous to the environment as well as living creatures. As a result, LSOH cables are frequently used in buildings where people live and work.

Our LV a la carte caters for cravings of many kinds.

When deciding on what Low Voltage cable to choose, you consider both what filling you want and what topping to end with depending on reigning circumstances. On our menu of LV cables, you can relish in everything from armoured conductors with PVC sheath to fire-resistant LSOH cables – all depending on your needs. And should you not find your favourite flavour, we'll gladly develop a recipe and put it on the menu, just for you. Bon appetite!



What we offer

When purchasing low voltage cables, you want reliability and peak performance built in. We offer an unrivalled portfolio of low voltage cables that are manufactured to the highest standards of quality. Our cables can also be tailor-made for more detailed specifications, as and when our customers need it. Depending on your demands we have a big choice of sheaths to meet your needs. In addition we offer a comprehensive range of accessories for glanding, jointing, connecting and terminating.

Our electrical equipment is designed for use with a voltage rating between 50 V and 1000 V for alternating currents, and between 75 V and 1500 V for direct current.

Made locally

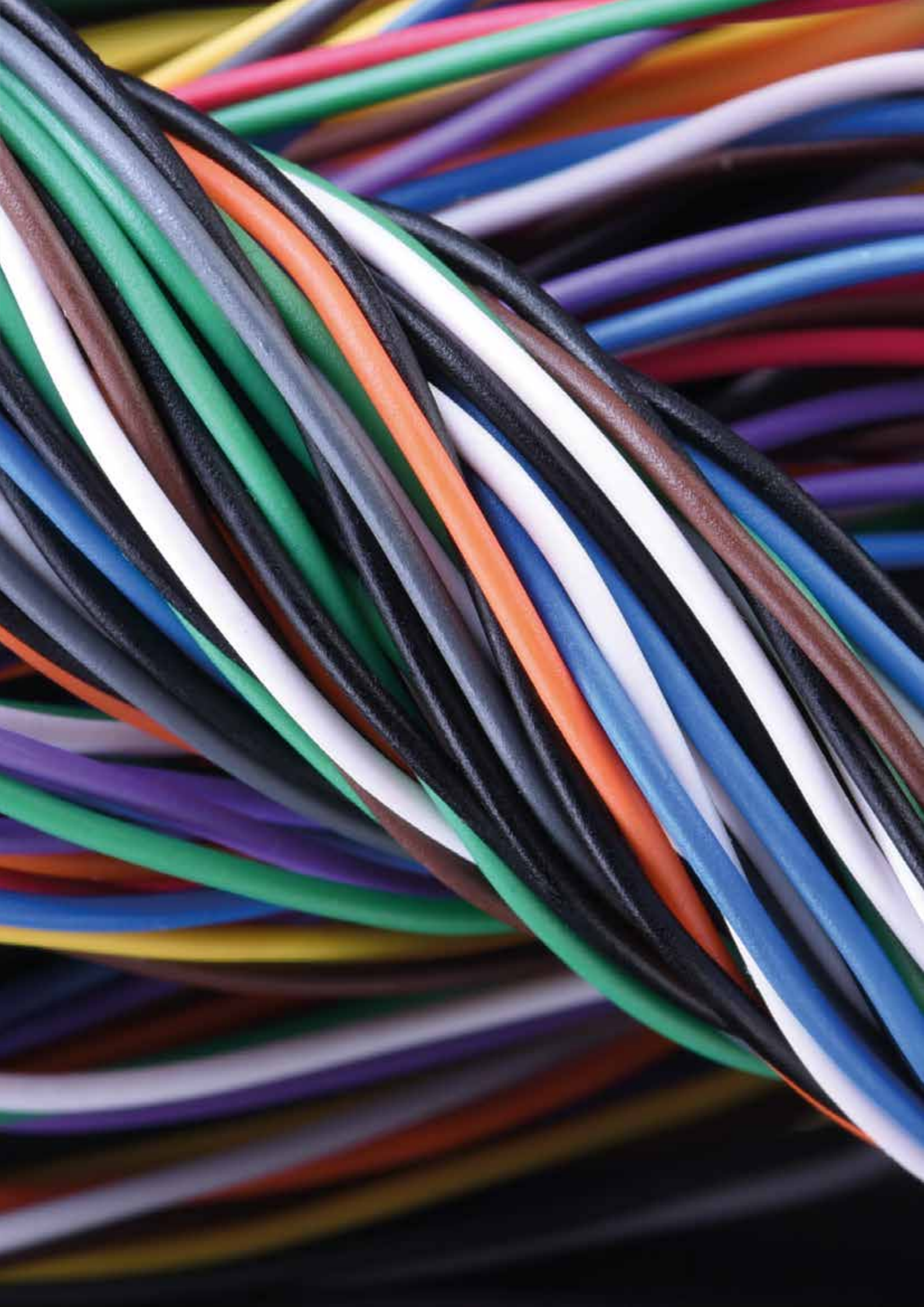
At Prysmian Hungary, we provide customers and communities in Europe and beyond with cable solutions based on state-of-the-art technology, consistent excellence in execution and in-depth understanding of the needs of an evolving market. At our Centre of Excellence in Kistelek we have specialised in designing and manufacturing safe and long-lasting low voltage cables.

Safe cables lead the way.

Our Afumex N2XH and NA2XH cables save lives.

In case of a fire in crowded constructions such as hospitals, high-rise municipal buildings and schools, it's crucial to have cables with low toxic gas emission and smoke density in order to facilitate the evacuation process. Our Low Smoke Zero Halogen N2XH and NA2XH cables are B2_{ca} classified in accordance with the EU Construction Products Regulation (CPR). Hence, a safe choice that won't add fuel to the fire.







Products

We offer a comprehensive portfolio of low voltage cables ranging from flexible or rigid cables and compounds varying from PVC to Low Smoke Zero Halogen. What's more, we have the means and knowledge to develop tailor-made solutions to meet market and customer specific needs and standards.

Armoured conductors with PVC sheath

0.1/1 kV steel wire armoured multi-core cables for outdoor application and protected from solar radiation. Can be buried directly or in trenches and ducts.

Conductors with PE sheath

0.1/1 kV cables for outdoor application and protected from solar radiation. Can be buried directly or in trenches and ducts.

Conductors with PVC sheath

0.1/1 kV multi and single core cables for indoor and/or outdoor application. Majority of the cables are protected from solar radiation. Can be buried directly or in trenches and ducts.

Conductors with PVC jacket and supportive screening

0.6/1 kV cables for outdoor application and protected from solar radiation. Can be buried directly or in trenches and ducts.

Conductors with XLPE insulation and PVC sheath

0.6/1 kV cables for outdoor application and protected from solar radiation. Can be buried directly or in trenches and ducts.

Halogen-free cables with conductors

0.6/1 kV cables for indoor and outdoor application and protected from solar radiation. Can be buried directly or in trenches and ducts.

PVC insulated and sheathed cables with concentric protective corrugated conductors

0.6/1 kV cables for outdoor application and protected from solar radiation. Can be buried directly or in trenches and ducts.

PVC insulated and sheathed signalling cables with armouring

0.6/1 kV cables for outdoor application and protected from solar radiation. Can be buried directly or in trenches and ducts.

Linking the future

Technical data, dimensions and weights are subject to change. All sizes and values without tolerances are reference values. Specifications are for products supplied by Prysmian Group: any modification or alteration of products may give different results. The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is correct to the best of our knowledge at the time of publication. Prysmian Group reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.

Prysmian Group

Prysmian MKM Kft.

Ph: +36 1 382 2222

E-mail: infocables-hu@prysmiangroup.com

www.prysmiangroup.hu

Prysmian
Group