

TKF

GuardSheath cables



Lead-free eco-friendly cables

In the more and more demanding petrochemical environment, a major focus point is the influence of aggressive chemicals such as hydrocarbons, solvents, acids, bases and moisture. These substances can cause breakdown of a cable, potentially threatening the safety and production of a plant. TKF's new solution that guarantees the functioning of the cable in these harsh environments is the GuardSheath cable.

In comparison with the conventional solution of lead sheathed cables, our GuardSheath cable offers increased protection and adds several advantages:

- eco-friendly cable solutions acc. International standards
- weight reduction up to 40% for easy transportation and installation
- lower installation cost and easier connection (no lead joints)
- easier to strip and terminate
- customized solutions meeting specific requirements of plant owners and contractors

The new GuardSheath cable can be used to safeguard the functioning of any type of cable, ranging from low voltage power and instrumentation cables to optical fibre and high voltage cables.

Construction

The GuardSheath cable contains 3 different layers, each with its individual chemical resistance. Together the GuardSheath layer protects the cable core to the most harsh industrial environments.

1. The inner aluminum (Al) layer as a moisture barrier
2. High Density Polyethylene (HDPE) sheath for resistance to inorganic chemicals (acid and bases, inorganic salts)
3. Polyamide (PA) sheath for resistance to organic chemicals (aliphatic and aromatic hydrocarbons, petrol, oil, etc.)



www.tkf.nl

Reliable in connections

Founded in 1930, TKF has developed from a local Dutch cable producer to a cable technology leader servicing customers all over the world. As a member of TKH Group NV, a Netherlands-based international group of technology-powered companies, TKF has access to various international marketing, purchasing, sales and research groups with diverse specialisms.

TKF has dedicated itself to delivering innovative Telecom, Building and Industrial Solutions that match specific customer needs. A good strategy, looking at the long-term relationships between TKF and a growing number of companies. Professionals who value the continuous pursuit of a better understanding between suppliers, customers, contractors, installers and end-users.

TKF naturally takes its corporate social responsibility into account. Innovation, Growth and Responsibility are key factors for TKF.

Choose TKF - Choose quality!



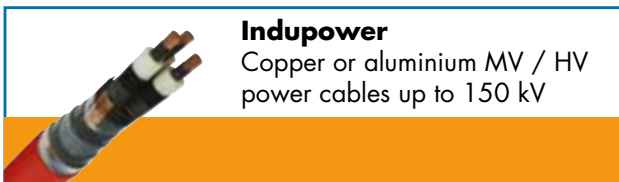
Innovation



Growth

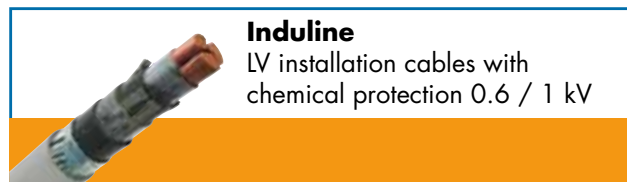


Responsibility



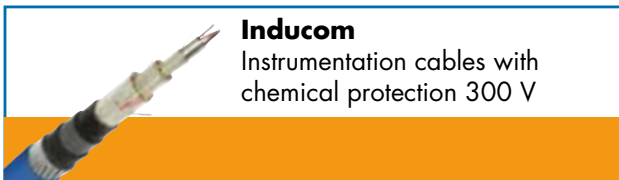
Indupower

Copper or aluminium MV / HV power cables up to 150 kV



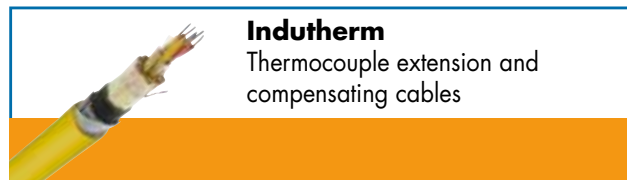
Induline

LV installation cables with chemical protection 0.6 / 1 kV



Inducom

Instrumentation cables with chemical protection 300 V



Indutherm

Thermocouple extension and compensating cables

More information?

Interested in more information about TKF and our wide range of products and services? Please visit our website, or contact us directly by telephone or e-mail.



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