Cable Accessories

Cable Accessories factory and Technical Lead Center situated in Alingsås, Sweden.

We work to create safe electrical distribution via power cable networks. To achieve this, we develop, manufacture and market a broad range of cable accessories, for distribution and transmission.

Our main customers are utilities, EPC and OEM.
Our core competencies are electrical connections in cable systems and manage electric field grading systems. Our own test laboratories are essential for our product developement and quality assurance.

Catalog

This catalog covers cable accessories in the range from 12 to 52 kV PILC (Paper-insulated cable).

List of content sorted by name or product category can be found in the end of this catalog. The product catalog can also be downloaded from our website.

Other product catalogs available on request:

- Cable accessories ≤ 1 kV, XLPE cables
- Cable accessories 7.2–42 kV, XLPE cables
- Cable accessories 52–420 kV, XLPE cables

We reserve the right to alter the design and range of our products without prior notice.

Our business idea

“We provide companies that work with electric power with solutions which enable them to joint and connect cables easily and safely, and distribute electricity“.

Satisfying customer needs, Quality and Environment are our priorities.

We work continuously to improve our processes. Important foundations for this work are our quality and environment management systems.

- **ISO 9001**
- **ISO 14001**
- **OHSAS 18001**

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Our five core competencies

1. Understanding the total cost and value for cable accessories as elements in systems

We as supplier of components that are pieces in a puzzle, the cable system and the related interfaces, need to understand the demand and requirements on the single component in order to optimize the value and performance. The value offer for components is in relationship with the system, we also add value in later stages in this value chain. By knowing the actual expectations and trends we are able to meet the demand in the long term. Our expertise and extensive global footprint ensure we understand the product requirements and future trends.

2. Manufacturing and quality assurance of insulation system based on rubber

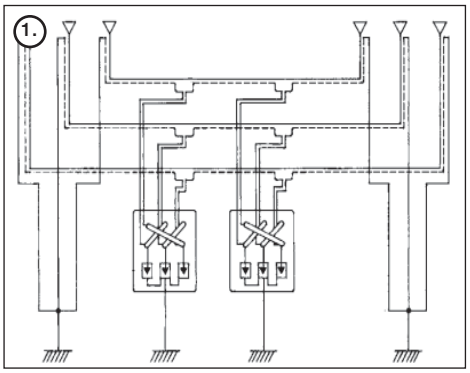
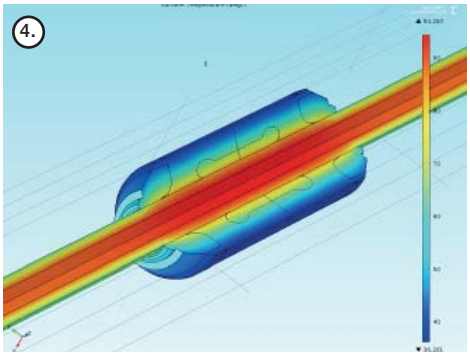
With modern manufacturing technology and quality management processes we can keep up the productivity and thereby offer competitive products. We have material expertise as well as test facilities for rubber material development and improvements, by both know-how and know-why we are able deliver insulation systems in the complete range of cable accessories.

3. Workmanship in installation of cable accessories

Joints and terminations are regarded as critical components in cable systems, and the workmanship during installation is very important when considering the risk of future failures. When preparing cable several layers need to be removed or treated without damaging other layers, this requires skills and knowledge how to handle tools for this application. Knowledge about what are the critical steps in accessories assembling gives the best foundation for successful and safe installation.

4. Electrical, mechanical and thermal design of insulation systems and connectors

The design of our accessories are based on expertise within electrical, mechanical and thermal performance. It is essential to understand the connection between them since all the three technologies comes down to one parameter namely coupled electrical, mechanical and thermal properties. We have long extensive experience and use modern FEM software that allows us to calculate coupled electrical and thermal fields as well as thermo-mechanical conditions. Our electrical designs involves geometrical, resistive and refractive field controlling involving advanced field grading rubber materials.

5. Performance of rubber and metal materials in outdoor conditions

Cable accessories are exposed to harsh outdoor climate conditions. Insulators are exposed to UV radiation and pollution, joints are operating underground often in wet conditions, and they shall perform for many years without breakdown. It is essential for us to keep up the expertise within outdoor insulation performance and corrosion protection, with expertise and our test facilities, e.g. Weather-O-Meter test, we can ensure the product deliver what we promise.