



# SICON Customized

Individual Solutions for Cable Connections

# SICON

## The Right Connection for Every Cable

Throughout the energy network, a growing number of bolted connectors are being used by the operators. These connectors are a safe and simple alternative to the conventional compression connection. In the standard range of products, one SICON connector replaces as many as 98 pressure connectors. As voltages rise, however, there is a growing demand for customized solutions. PFISTERER links the requirements of its customers to the advantages of the standard range of products. The result is SICON Customized – individual and technically sophisticated cable connections.

### Hand in Hand with Our Customers

SICON Customized connects all common conductor designs and materials. Wherever cables are connected or terminated, SICON technology is the simple, safe, and reliable solution.

The experts at PFISTERER advise, develop, and manufacture solutions for individual customers and for all conceivable applications. We pool all our services in our Competence Center for Metalworking in Gussenstadt, Germany. For you, as the customer, this

means short waiting times for development, production, and delivery – usually just four weeks.

For the SICON standard portfolio, aging tests and long-term tests according to DIN EN 61238-1 were successful.

As a full-service provider, PFISTERER also offers complete system solutions and customized (high-voltage) fittings.



Individual solutions for all applications. Using SICON Customized, PFISTERER develops cable connections and terminations according to customer requirements.

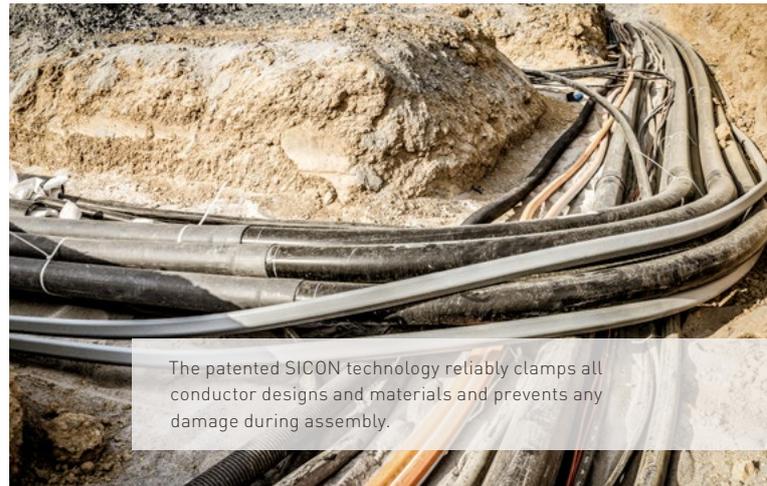


## Easy Handling

SICON connectors are installed using standard tools. This cuts the installation costs as no special hydraulic presses or pressure heads are required. The intelligent shear bolt prevents installation faults as it shears off when the optimum clamping force has been achieved.

## Patented Contact Technology

At the heart of all SICON connectors is the patented stepless shear bolt. Without any defined breaking points, it always uses the full thread-loading capability. The friction disc at the end of the bolt prevents it scraping across the conductor and possibly shearing off individual wires when being tightened. The SICON bolt is installed using a standard tool and shears off flush with the surface of the terminal body on reaching the optimum clamping force.



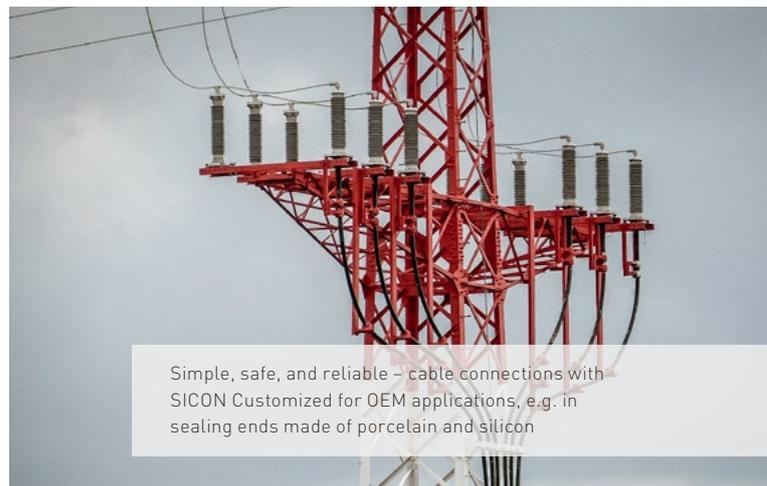
The patented SICON technology reliably clamps all conductor designs and materials and prevents any damage during assembly.

### Benefits

- Customized solution for all voltage levels
- Short development, production, and delivery times
- Simple and safe installation
- Installation using standard tool
- Reliable and durable contact

### Our Services

- Technical advice
- Dimensioning
- Engineering
- Pilot production
- Testing
- Production



Simple, safe, and reliable – cable connections with SICON Customized for OEM applications, e.g. in sealing ends made of porcelain and silicon

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The PFISTERER Group is amongst the world's leading specialist equipment and system suppliers in the energy infrastructure industry. Around 2,100 employees develop, produce and distribute components and complete solutions for the particularly sensitive interfaces in modern energy networks. With a complete range of products and services, the PFISTERER Group provides customised solutions for the complete transmission chain from low and medium to high and ultra-high voltage. Everything from a single source. Worldwide.