



# Connecting joints for medium voltage cables

## Hybrid cold shrink joints with SICON bolted connectors

PFISTERER's cold shrink joints for medium voltage applications are reliable and durable. The combination of cold shrink joints and SICON screw connectors ensures ease of installation, reliable cable connections and excellent insulation properties. Each joint set contains all the necessary components for connecting single-core medium-voltage cables.

### Content

- SICON bolted connector
- Cold shrink body with integrated electrodes for field control
- Screen connection components
- Heat shrink outer tubes
- Cleaning wipes, sanding paper, grease, etc.

### Benefits

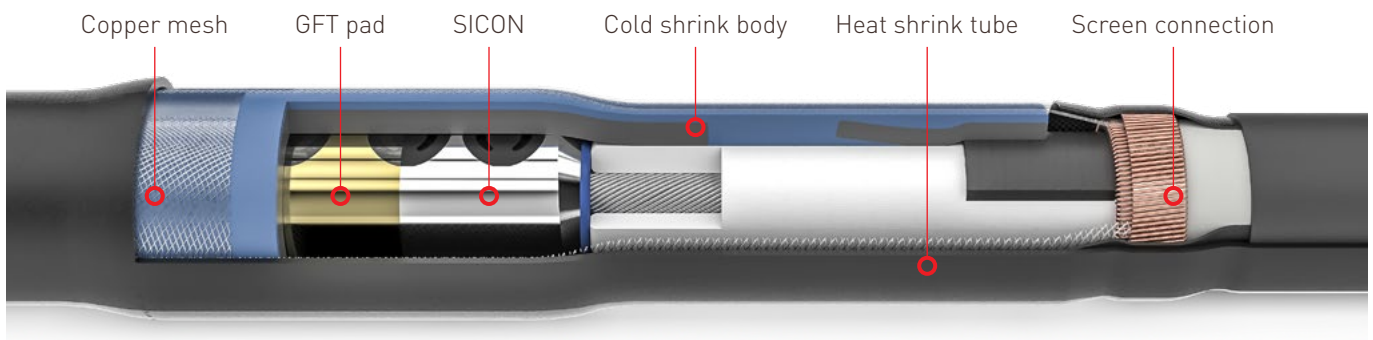
- Reliable contacting of all conductors
- Optimum contact force for all conductors
- No damage to individual conductors
- Mounting with standard tools
- Excellent insulation
- Wide range of application
- Tested according to HD 629

## Very good insulation

The cold shrink body is made of durable silicone rubber and combines high mechanical strength and excellent electrical properties. The silicone retains its natural flexibility over the entire service life. Thus, the joint ensures the required overall insulation strength and constant pressure on the cable at all times and independent of the temperature. The heat-shrinkable sleeve for external insulation is UV and weather resistant, waterproof and resistant to alkaline earths.

## Simple and safe assembly

SICON bolted connectors are assembled with standard tools regardless of conductor material and conductor design. The stepless shear off bolt always uses the full thread load capacity and ensures the perfect contact pressure. A rotating plate at the base of the bolt prevents damage to individual conductors.



## Product selection

Cable cross section [mm <sup>2</sup> ]				Insulation diameter [mm]		Product name	Article number
at 12 kV	at 24 kV	at 36 kV	at 42 kV	min.	max.		
35 - 95	25 - 95	-	-	13.8	27.0	PCHJ-C 12-24/25-95-1	332 730 200
95 - 240	50 - 240	-	-	18.4	36.0	PCHJ-C 12-24/50-240-1	332 730 201
95 - 300	50 - 300	-	-	18.4	36.0	PCHJ-C 12-24/50-300-1	332 730 202
240 - 400	185 - 400	-	-	25.3	40.0	PCHJ-C 12-24/185-400-1	332 730 203
400 - 630	400 - 630	-	-	31.1	51.0	PCHJ-C 12-24/400-630-1	332 730 204
630 - 800	630 - 800	-	-	36.8	58.0	PCHJ-C 12-24/630-800-1	332 730 205
800 - 1000	800 - 1000	-	-	36.8	58.0	PCHJ-C 12-24/800-1000-1	332 730 206
-	-	25 - 95	25 - 95	20.8	36.0	PCHJ-C 36-42/25-95-1	332 730 400
-	-	95 - 240	70 - 240	26.8	40.0	PCHJ-C 36-42/70-240-1	332 730 401
-	-	95 - 300	70 - 300	26.8	40.0	PCHJ-C 36-42/70-300-1	332 730 402
-	-	185 - 400	185 - 400	26.8	40.0	PCHJ-C 36-42/185-400-1	332 730 403
-	-	300 - 630	300 - 630	35.1	51.0	PCHJ-C 36-42/300-630-1	332 730 404
-	-	630 - 800	630 - 800	41.6	58.0	PCHJ-C 36-42/630-800-1	332 730 405
-	-	800 - 1000	800 - 1000	41.6	58.0	PCHJ-C 36-42/800-1000-1	332 730 406