



**STRAIGHTENING AND RELAXATION OF HV-CABLES  
HEMI HEATING CSR SYSTEM**

*A quicker, safer way to prepare the cable!*

# HEMI HEATING CSR SYSTEM

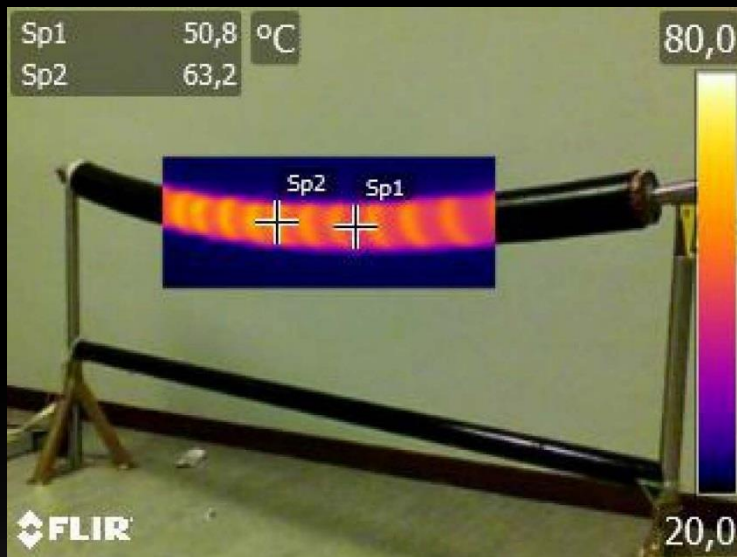


## Target customers

- Installers / operators
- Cable manufacturers
- Joint manufacturers
- Wholesalers

# HEMI HEATING CSR SYSTEM

## Partial thermographic picture



Cable heated with heating tape heated to 60°C during one hour then undressed



Cable heated with CSR 70-115/1-1500-230 heated to 60°C during one hour then undressed

# HEMI HEATING CSR SYSTEM

## Covering dimensions



- CSR 70-115/1-1500-230 with heating jacket covers Ø70-115 mm, 1500 mm length and 230VAC.
- 2000 mm length as standard.
- Up to Ø190 mm can be reached by adding optional extension part EP25.
- CSR 40-69/1-2100-230 with heating jacket covers Ø40-69 mm.
- 2100 mm length as standard.
- Customized dimensions and voltages are available on request.

# HEMI HEATING CSR SYSTEM

## Standard sets



Single set CSR 70-115/1

- Single set CSR 70-115/1 covers diameters from 70-115mm.
- Double set CSR 70-115/2 for two cable ends .
- Single set CSR 40-69/1 covers diameters from 40-69mm.
- Double set CSR 40-69/2 for two cable ends.

# HEMI HEATING CSR SYSTEM

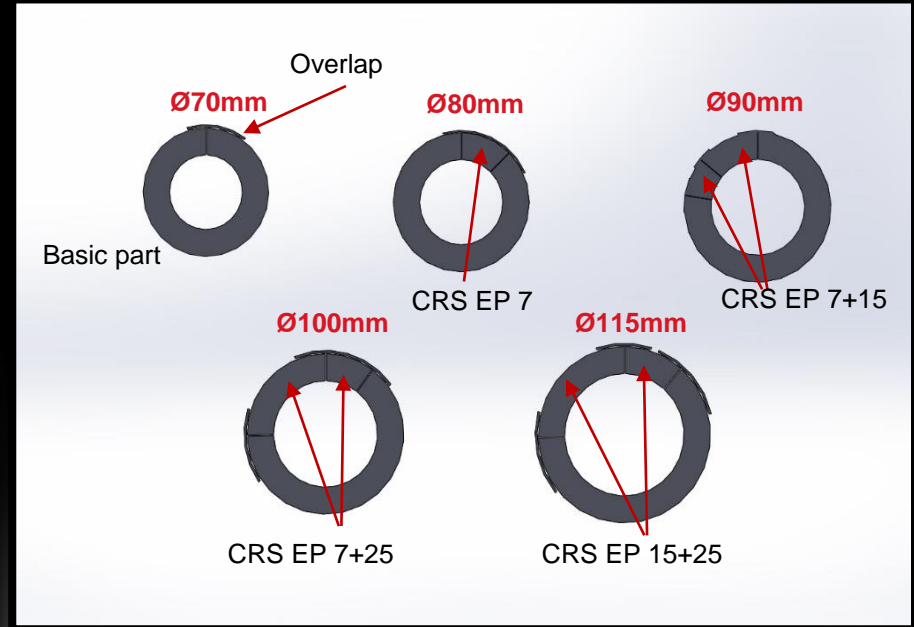
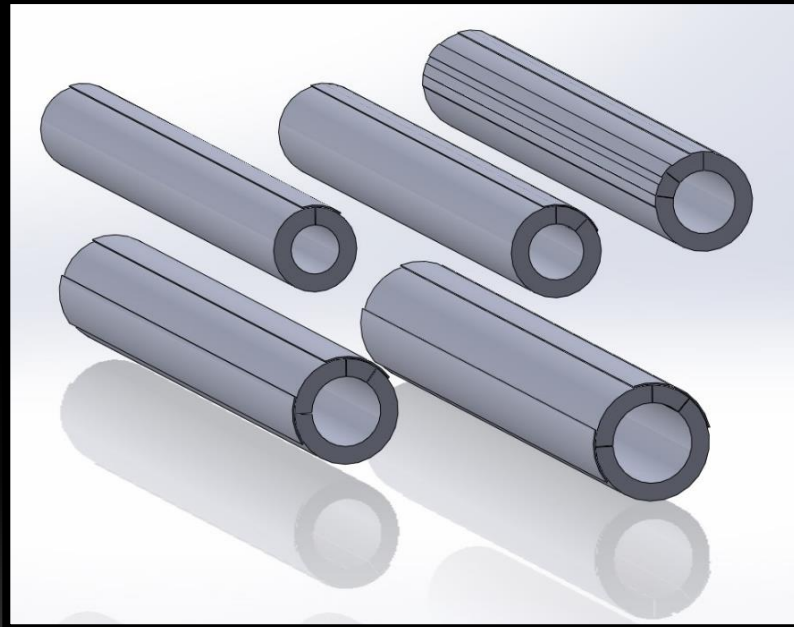
## Single set CSR 70-115/1-230 components

1. Heating Jacket Ø70mm, 230VAC. Including fixed Pt100 temperature sensor inside.
2. Extension Part Ø+25mm, 230VAC. Extends cable diameter with 25mm.
3. Extension Part Ø+15mm, 230VAC. Extends cable diameter with 15mm.
4. Extension Part Ø+7mm insulation jacket. Extends cable diameter with 7mm.
5. Temperature control unit IP54, 230VAC, 8A, 1 channel includes.
  - Dual display PID/rampable by time temperature regulator, SSR operated.
  - RCD 30mA, On/Off-switch,
  - 5m power supply cable + 5m cable, set controller box to heating jacket.

Comes in soft carrying bag together with protective plastic case for temperature control unit and instruction manual in a folder.

# HEMI HEATING CSR SYSTEM

## Configurations Ø70-115 mm cable



# HEMI HEATING CSR SYSTEM

## Technical data

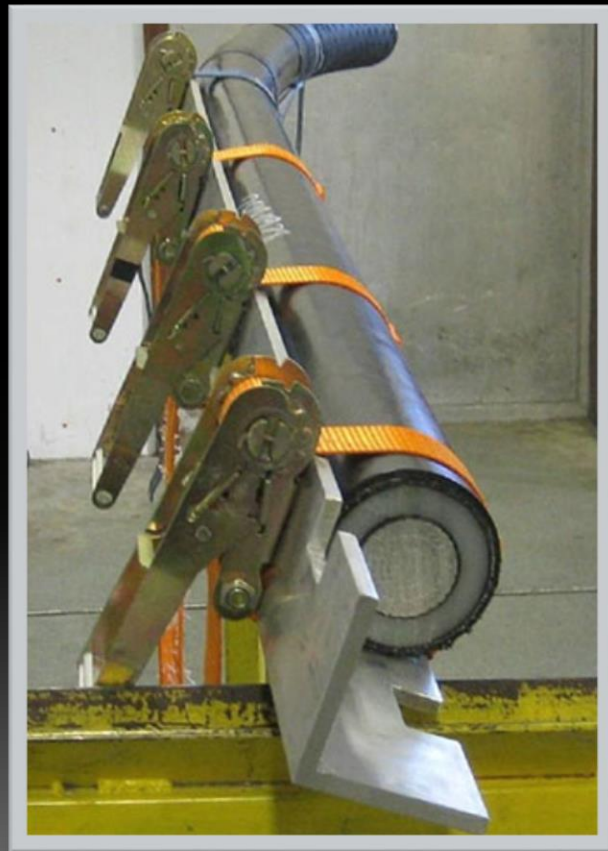


- Operating voltage: 220-240VAC or 110-120VAC
- Cable range: Ø70-190mm or Ø40-69
- Normal heating temperature: 95°C (adjustable setpoint, PID control)
- Built in over temperature switch: 110°C
- Insulation thickness: 25mm
- Cables: 5m power supply cable, 5m to heater jacket
- RCD: 30mA, Type A
- IP rating: IP44



# HEMI HEATING CSR SYSTEM

## AL-Profile for straightening



As option we also offer one angled AL-profile with ratchet straps for straightening of the cable.



# HEMI HEATING CSR SYSTEM

## Advantages



- Optimization
- Robust design
- Easy to handle
- Quick installation
- Same conditions from time to time
- Homogenous temperature
- Predictable process
- Handy dismantling