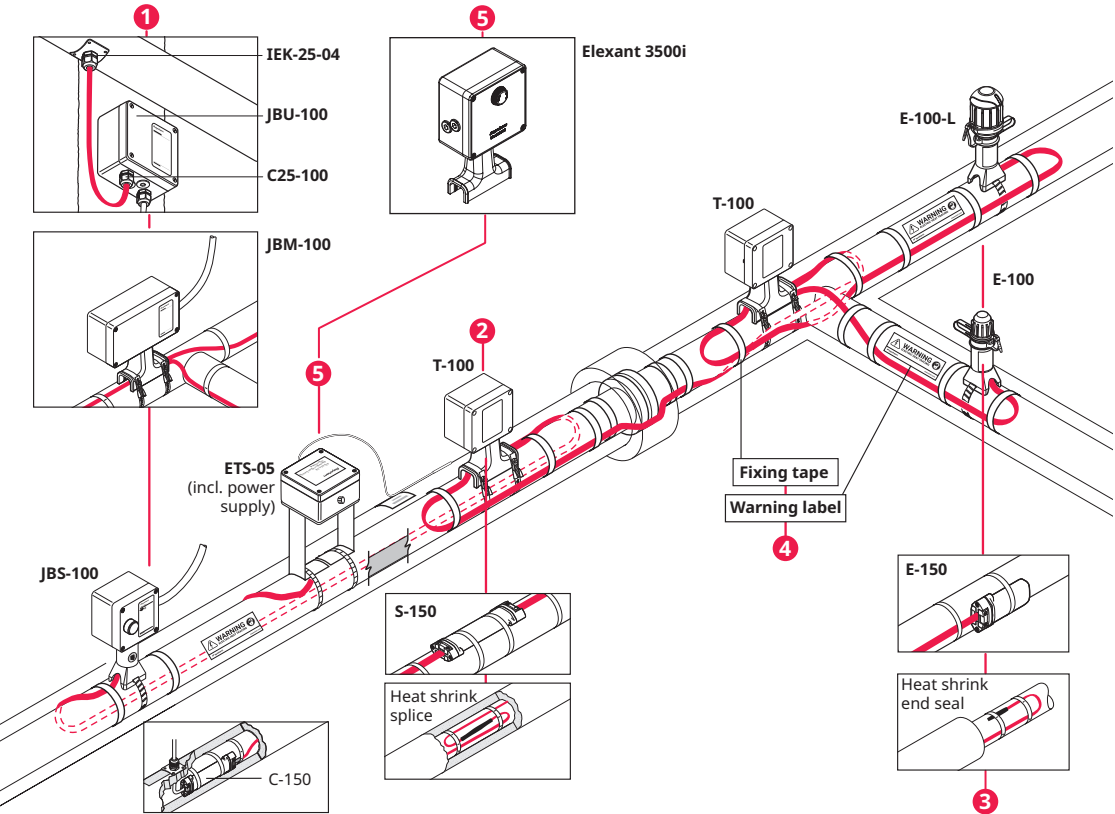


Industrial Heating Systems (IEC / ATEX)

SELECT YOUR CONNECTIONS KITS



Non-Hazardous Self-Regulating Cable - BSA

- 65°C Continuous operating temperature
- 85°C maximum intermittent exposure (1000 h)
- Power output (at 10°C): 10, 23 W/m



Self-Regulating Cable - BTV

- 65°C Continuous operating temperature
- 85°C maximum intermittent exposure (1000 h)
- T-rating: T6
- Power output (at 10°C): 9 - 16 - 25 - 29 W/m



Self-Regulating Cable - QTVR

- 110°C Continuous operating temperature
- 110°C maximum intermittent exposure (1000 h)
- T-rating: T4
- Power output (at 10°C): 38 - 51 - 64 W/m



Self-Regulating Cable - XTVR

- 150°C Continuous operating temperature
- 250°C maximum intermittent exposure (2000 h)
- T-rating: T3 (20XTVR2-CT up to Max 240 VAC)
- Power output (at 10°C): 9 - 16 - 25 - 32 - 38 - 48 - 64 W/m



Self-Regulating Cable - HTV

- 205°C Continuous operating temperature
- 260°C maximum intermittent exposure (2000 h)
- T-rating: T3 (T2 for 20HTV)
- Power output (at 10°C): 9 - 16 - 25 - 32 - 38 - 48 - 64 - 92 W/m

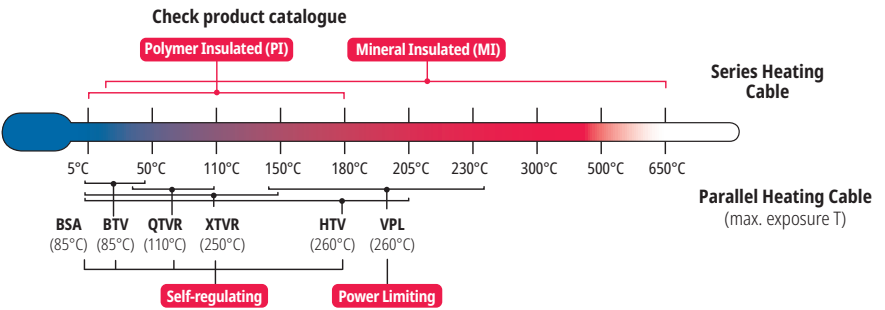


Power Limiting Cable - VPL

- Continuous operating temperature up to 230°C (per design)
- Maximum intermittent exposure temperature: 260°C
- T- rating: per design
- Power output (at 10°C): 15 - 30 - 45 - 61 W/m

| 1 | Power connections                                                                                                            | Description                             |
|---|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
|   | Pipe-mounted junction box, for 1 circuit.<br>Option: light, earthplate                                                       | JBS-100 (-E, -EP, -L-E, L-EP)           |
|   | Pipe-mounted junction box, for 3 circuits.<br>Option: light, earthplate                                                      | JBM-100 (-E, -EP, -L-E, L-EP)           |
|   | Modular junction box, for 3 circuits. Option: light, earthplate                                                              | JBU-100 (-E, -EP, -L-E, L-EP)           |
|   | Modular junction box with electronic thermostat, for 1 circuit.<br>Option: light, earthplate, 199 or 499°C, alarm relay (-A) | ETS-05 (-L2-E, -L2-EP, -H2-E, H2-EP)    |
|   | Modular non hazardous junction box, for 1 circuit                                                                            | JB-NH-2                                 |
|   | Modular non hazardous junction box, for 3 circuits                                                                           | JB-NH-4                                 |
|   | Low profile power connection for 1 circuit                                                                                   | C-150-E                                 |
|   | Cold applied connection kit to modular junction box                                                                          | C25-100                                 |
|   | Other power connections and kits                                                                                             | Check product catalogue                 |
| 2 | Splice/Tee connections                                                                                                       | Description                             |
|   | Pipe-mounted tee/splice box                                                                                                  | T-100                                   |
|   | Low profile splice                                                                                                           | S-150                                   |
|   | Heat shrink splice connection                                                                                                | S-20 (BTV, QTVR), S-40 (XTVR, HTV, VPL) |
| 3 | End seals                                                                                                                    | Description                             |
|   | Pipe-mounted end seal, Option: light                                                                                         | E-100-E(-L)                             |
|   | Low profile end seal                                                                                                         | E-150                                   |
|   | Heat shrink end seal                                                                                                         | E-20 (BTV, QTVR), E-40 (XTVR, HTV, VPL) |
|   | Low profile non-hazardous end seal                                                                                           | E-02-AL (BSA)                           |
|   | Low profile non-hazardous power connection/splice, end seal                                                                  | CSE-05-DR (BSA)                         |
| 4 | Accessories                                                                                                                  | Description                             |
|   | Glass fiber fixing tape. For (non-stainless) steel pipes and install >5°C                                                    | GT-66                                   |
|   | Glass fiber fixing tape. For stainless steel pipes, and install <5°C                                                         | GS-54                                   |
|   | Aluminium tape. Heat transfer aid                                                                                            | ATE-180                                 |
|   | Insulation entry kit, pipe-mounted                                                                                           | IEK-25-PIPE                             |
|   | Insulation entry kit, mounted on cladding                                                                                    | IEK-25-04                               |
|   | Support bracket                                                                                                              | SB-100, SB-101, and other               |
|   | Warning label (1 per 5 m pipe), English                                                                                      | LAB-I-01                                |
|   | Other labels and accessories                                                                                                 | Check product catalogue                 |
| 5 | Controls                                                                                                                     | Description                             |
|   | Surface sensing thermostat, mechanical                                                                                       | Raystat EX-02                           |
|   | Surface sensing thermostat, electronic                                                                                       | ETS-05 (-L2-E, -L2-EP, -H2-E, H2-EP)    |
|   | Surface sensing thermostat, electronic (pipe/wall mounted)                                                                   | Elexant 3500i                           |
|   | Field mounted electronic controller (field mounted)                                                                          | Elexant 4010i                           |
|   | Field mounted electronic controller (field mounted)                                                                          | Elexant 5010i                           |
|   | Ambient sensing thermostat, electronic                                                                                       | ETS-05 (-A2-E)                          |
|   | Panel mounted electronic controller (wall mounted)                                                                           | Elexant 4020i                           |
|   | Panel mounted electronic controller (wall mounted)                                                                           | NGC-30                                  |
|   | Panel mounted electronic controller (wall mounted)                                                                           | NGC-40                                  |
|   | Other controls available                                                                                                     | Check product catalogue                 |

Typical continuous operating temperature



Europe, Middle East, Africa, India

Tel +32 16 213 511  
Fax +32 16 213 604  
info@chemelex.com