

## HEATED LINES “STANDARD-TECHNIQUE”

### Type series ELH/hd

Hose type :	Pressure hose ; PTFE inner hose with stainless-steel braiding single or double
Connection fitting :	free-cutting steel bichromate coated, various design types see table of fittings <b>Please note that the fitting will cause a narrowing of the hose passage.</b>
Operation temperature :	100 ; 200 ; 250 <b>A temperature control is necessary for both temperature-maintenance and overheat-protection.</b>
Heating conductor :	resistance heating conductor with PTFE-insulation and protection braiding, moisture-proof
Heating power :	Watt / meter see table
Thermal insulation :	fine-porous silicone hose, heat-stabilizing
Outer protection :	nylon braiding “black”
Power-supply cable :	3 × 1.5mm <sup>2</sup> , cable length 1000 mm ; cores de-insulated and provided with end-caps
Temperature sensor :	thermocouple Fe-CuNi type J, length of connection-cable 1000 mm, cores de-insulated and provided with end-caps
Cable exit :	Via a silicone end-cap with buckling-protection and stress-relief
Operation voltage :	230 V
Quality test :	during manufacture ; high-voltage test with 2000 V

### Tolerance data :

Heating power :	+/- 7%
Diameter :	+/- 10%
lengths in meter :	+/- 2%
Temperature :	+/- 10%

### Special Designs and Extensions

Installation of a stress-relief rope ; coupling interconnections of hoses ; additional installation of air-and rinsing-lines ;

#### Designs for Ex-Areas;

Special fittings acc. to drawing or installation of fittings supplied by the customer ; special inner hoses for vessel-, tank-car unloading or similar.

### Accessories

**Korea EHT** temperature controller and temperature limiter for installation or wall-mounting.