

## Series HE

90 °C

### Transfer/unload hose

HE heating hose has been especially developed to maintain the temperature of the most diverse types of media, such as chemicals, solvents, oils, greases, and even abrasive materials. For example, this heated hose can be used for loading and unloading lorries and ships.

The peculiarity of this HE type heating hose is its heating element, which is coiled around its inner core. There it is well protected and vulcanised into the hose's inner wall. There is practically no optical or usage difference between this hose and a hose without heating capabilities, thus handling is simplified considerably. A temperature sensor is also integrated into the hose which senses temperature directly.



<b>Operating temperature:</b>	max. 90 °C
<b>Rated voltage:</b>	230 V AC/DC (other voltage 12 – 500 V)
<b>Rated power:</b>	per design
<b>Nennweite:</b>	20 to 200 mm
<b>Construction:</b>	Elastomer core, torsion and pressure-proof fabric carcass, inside smooth, outside smooth textile patterned
<b>Outer mantel:</b>	abrasion resistant, weather resistant; Optional: steel spring spiral / suction hose
<b>Farbe Außendecke:</b>	black
<b>Fitting:</b>	Steel fitting vulcanised bubble free
<b>Couplings / fittings:</b>	flanges, Couplings: Storz, TW, Kamlok, outside threads Custom fittings: on request
<b>Temperature sensor:</b>	integrated heating conductor with PT 100 sensor
<b>Connecting cable:</b>	1,5 m
<b>Reinigung:</b>	Short-duration steam cleaning up to 130°C suitable for CIP and conventional cleaning
<b>Manufacturing length:</b>	up to max. 40 m
<b>Protection grade:</b>	IP 54 (EN 60529)
<b>Protection class:</b>	I

Special hoses made of fluoro-polymer (Viton) can be fabricated for higher temperatures up to 200 °C.

A range of temperature control devices is available, ranging from the HT 54 integrated mini-controller with fixed temperature setting to convenient microprocessor controlled devices. See chapter 6 Temperature Controllers.

