



Compact foodstuffs hose with integrated heating and optional electronic control

The Series HL foodstuffs hose is another innovation and stands out because of its compact build. The heating element is wound onto the inner liner of the NBR hose and is thus vulcanised in the inner core. There is practically no more difference to an unheated hose either optically or in technical application terms. The temperature sensor is also worked into the hose and captures the temperature directly at the hose wall. This universal hose is suitable to transport fatty (especially animal and vegetable fats & oils) and non-fatty foodstuffs. Also suitable to carry alcoholic and non-alcoholic beverages and fruit juices.

Specification HL 40 / 80

Construction:

- Clear NBR inner liner
- Torsion and pressure-proof fabric carcass
- Integrated heating conductor with PT 100 sensor
- Blue non-scratch, weather-resistant outer
- Optional → black, clear or red outer
- Inside smooth, outside smooth textile patterned
- Suitable for CIP and conventional cleaning
- Short-duration steam cleaning up to 130°C
- Stainless steel fittings of 1.4301 vulcanised bubble-free
- Conical hose connector / groove nut, threaded hose connector, optional flange (aseptic...)
- Operating voltage 230 V AC, optional 115 V or special voltages
- Mains cable 1.5 metres
- All hose materials used meet the requirements of the German Institute for Consumer Health Protection "Empfehlung XXI Kat. 2" by BGVV(D) and FDA Part 177.2600
- Optional: electronic control

Fitting (RD)	DN (mm)	Wall (mm)	BD (bar)	Bending radius ca. (mm)	max. Length (m)	Power up to 40°C (W/m)	Power up to 80°C (W/m)
44 x 1/6"	20	6	10	150	40	30	50
52 x 1/6"	25	6	10	175	40	40	60
58 x 1/6"	32	6	10	224	40	50	75
65 x 1/6"	40	7	10	280	40	60	90
78 x 1/6"	50	7	10	350	40	75	120
95 x 1/6"	65	7	10	455	40	90	150
110 x 1/4"	80	8	10	560	40	110	200
130 x 1/4"	100	8	10	700	40	140	250

On request, we can also supply suction and pressure hoses with steel coil. For higher temperatures, we can also make fluoropolymer (Viton) hoses. Connectors with flanges, rapid-action couplings or exterior threads also available on request. 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.