

HDM 95 / 200

95 °C / 200 °C



Double-jacket heating hose

Applications:

Explosion endangered areas.

The HDM hose can be used as a HEATABLE ELEMENT, as a COOLABLE ELEMENT and as a SAFETY ELEMENT.

To use the HDM heating hoses, you need a temperature stabilizer that operates with circulated steam, water or heat carrier oil.

Operating temperature:	95°C / 200°C
Pressure hose:	PTFE, see page 8
Fittings:	RSL socket stainless steel
Temperature carrier conn.:	AGR 3/8" up to 1/2"
Temperature carrier hose:	Elastomer hose 95°C PTFE hose 200°C
Temperature carrier:	water, oil, 8 bar max.*
Outer diameter:	DN 4 – 10 ca. 35 mm DN 12 – 16 ca. 45 mm DN 20 – 25 ca. 55 mm
Bending radius:	DN 4 – 10 200 mm DN 12 – 16 400 mm DN 20 – 25 500 mm
Manufacturing length:	from 0.5 to 25 m
Option:	Thermal insulation with 10 mm foam insulation and PA external braid; end caps on both sides; special pressure hose TA / DN 2 mm

* The pressure detail is valid for the heat carrier material within the outer hose when the inner hose is filled and is under operating pressure. Between the outer hose and the inner hose a negative pressure difference must not be produced, i.e. the pressure in the inner hose must always be higher than that in the outer hose. In the event of a negative pressure difference (e.g. during filling), the inner hose can collapse. Where a negative pressure difference is unavoidable, the inner hose can be optionally provided with an external covering. Through the external covering, the pressure is distributed on the surface of the stainless steel braiding thus preventing the inside from collapsing.

For internal pressure hose T 3 please use only oil or another heating medium. **! No water !**

