

## High Temperature Hose



The **ecovent** high temperature hose are the correct choice, if durability and flexibility are demanded at high temperatures. The areas of application lie between 200°C and 800 °C.

You find our high temperature hoses in car workshops, test stands, to the industry, universities and at the fire-brigade. By the high quality we can grant you on some hoses a thermal warranty of 2 years, if case of application admits us before is.

### The highlights on a view:

- Sewn execution with spring steel spiral on the inside
- Qualities from 200°C to 800 °C
- each length available
- high pressure strength, no tilting the spiral
- very flexibly, thus middle bending radii of 1,5 times Ø are possible
- Hose diameter from 100 mm to approx. 700 mm
- external anti-chafing for the prevention of damages of lacquer
- gradated temperature range with „Hot End“
- Execution as inexpensive SG hose or solid TR hose (kevlar anti-chafing)

### Technical Data

Type	max. temp.*	Description
SG 200	200°C	Hypalon special fabric with Hypalon anti-chafing, 1-ply
SG 300	200°C	Hypalon special fabric with Kevlar anti-chafing, 1-ply
TR 300	300°C	Silicone coated glass fabric, Kevlar anti-chafing, 1-ply
TR 400	400°C	Silicone coated glass fabric, Kevlar anti-chafing, 1-ply
TR 500	500°C	Heavy glass fabric, aluminized, Kevlar anti-chafing, 2-ply
SG 650	650°C	Silicone coated heavy glass fabric, Hypalon anti-chafing, 2-ply
SG 800	800°C	Silicone coated heavy special fabric, Hypalon anti-chafing, 2-ply
TR 800	800°C	2-ply ceramic fabric, V4A glass fabric, Kevlar anti-chafing, 3-ply

### Pressure losses [Pa/m] at air flow rate in m³/h

m³/h →	250	500	750	1000	1250	1500	1750	2000	2250
Ø 100	6	20	55	150					
Ø 150	1,5	6	15	27	55	100			
Ø 200	0,7	1,75	5	10	16	25	42	73	

\*The temperature specification refers to an ambient temperature of 20°C and applies to air flow rate speeds of max. 25 m/s. The pressure losses can vary depending upon hose transfer and manufacturing load very strongly.

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