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HEATED SAMPLING HOSE WITH EXCHANGEABLE PTFE CORE

H 13A SERIES

The PTFE core of this heated sampling hose runs without being interrupted by metal screwings from the gas take-off point to the analyzer. In case of a choking, it can easily be exchanged.

The inner side of the heated carrier hose, through which the core is led, consists of a continuous metal corrugated hose. This metal hose offers a very good heat conduction, a homogenous heat distribution to the entire length, a light weight and an enormous flexibility.

Cable screwings on both sides allow an easy mounting. In addition, the heating hose can be vertically fixed on a chimney with these cable screwings (please mind the strain-relief). In the same way, the heating hose can be fixed at the side wall of an analytic instrument.

The maximum operating temperature of PTFE is 250 °C. For higher temperatures, tubes made of VA, titanium or similar materials should be used.



Technical data

max. lengths	: 50 m.
Inner diameter	: 4 ... 12
Power supply	: 230V (standard) other consulting
Temperature sensor	: Fe-CuNi (J)
Armatures	: PG 36
Connection	: silicone hose line (3 m) with integrated sensor line and multi-pole plug.
Outside braid	: Polyamide, black
Working pressure	: PTFE core 2 bar Steel core 50 bar
Borehole	: 47 mm

POWER IN W / m ACCORDING TO THE TYPE OF HOSE

Nominal diameter (mm)	DN	4	6	8	10	12
	Core	Power W / m				
H13A Max. 100 °C	PTFE	100	120	140	160	200
H13A Max. 200 °C	PTFE	120	140	160	200	260
H13A Max. 250 °C	PTFE	120	140	160	200	240
H13A Max. 350 °C	Steel VA	170	200	220	-	-

H 13C SERIES CONNECTION RSL



The RSL type connection, suitable for olives, the cap is threaded hose to protect its junction with the inner tube and pulls any sudden movements and to facilitate the change of the inner tube.

Technical data

Model identical to the H13A but RSF connection V4A steel

POWER IN W / m ACCORDING TO THE TYPE OF HOSE

Diámetro nominal (mm)		4	6	8
	Core	Power W / m		
H13C Max. 100 °C	PTFE	100	120	140
H13C Max. 200 °C	PTFE	120	140	160
H13C Max. 250 °C	PTFE	120	140	160