



Type HBRC Type HBR

65 °C
120 °C

Self-limiting heating tapes (with and without -approval)

The self-limiting heating tapes control their heating capacity according to the pertinent degree of heating, so that when the final temperature is achieved, it is kept constant. Where sectional temperature differences occur, the heating adapts from one section to the next. This ensures uniform heating. The tapes can be laid overlapping; this is especially suitable for uneven surfaces, such as those that can occur in way of pumps, valves and branches.

The HBRC and HBR heating tapes are available by the metre with matching finishing sets for individual length adjustment on site or pre-finished ex works. The heating tapes come in two variants: With and without -permit.

Heating tape without ex approval

Order-Nr.	Watt/m bei +10 °C		max. length of heating circuit
HBRC 15	65 °C	15	140 m
HBRC 25	65 °C	25	80 m
HBR 40	120 °C	40	70 m
HBR 45	120 °C	45	60 m

Heating tape with ex approval

Order-Nr.	Watt/m bei +10 °C		max. length of heating circuit
HBR-PSB 13	65 °C	13	180 m
HBR-PSB 26	65 °C	26	80 m
HBR-PSB 33	65 °C	33	70 m
HBR-HSB 45	120 °C	45	70 m

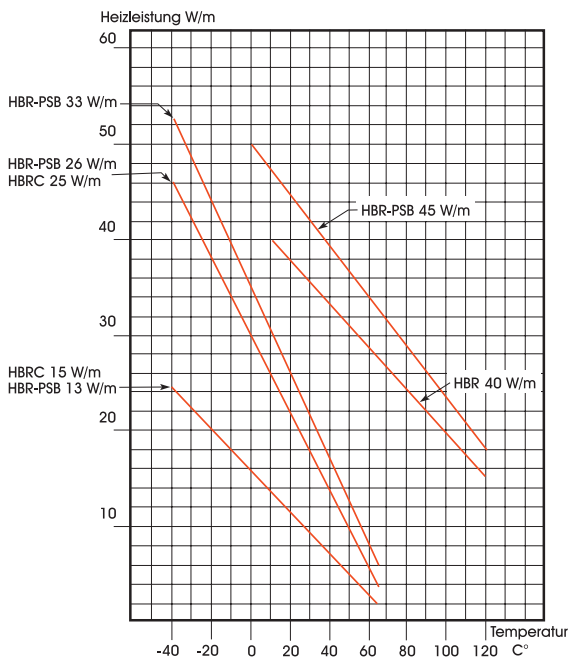
16 A closing temperature +10°C
Safety cutout (C)

HBRC	
Operating temperature:	max. 65°C / off: 85°C
Rated voltage:	230 V AC
Rated power:	< 25 W/m
Min. bending radius:	25 mm
Outer dimensions:	app. 6 x 16 mm (thickness x width)
Outer jacket:	PTFE / TPE
Protection grade:	IP 65 (EN 60529)
Protection class:	I

Through temperature limitation to 65°C, this self-limiting heating tape is suitable for use on plastic pipes and tanks.

HBR	
Operating temperature:	max. 120°C / off: 190°C
Rated voltage:	230 V AC
Rated power:	< 45 W/m
Min. bending radius:	30 mm
Outer dimensions:	app. 5.5 x 15mm (thickness x width)
Outer jacket:	PTFE / TPE
Protection grade:	IP 65 (EN 60529)
Protection class:	I

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galvanized copper conductor
2 x 1,2 mm² at HBR
2 x 1 mm² at HBRC

