

## STANDARD OHMBELT - FLEXIBLE SILICONE BANDS

Ohmvo is glad to present **OhmBelt**, the new line of products dedicated to the controlled heating of industrial drums. We can produce heating materials in silicone of any shape with nominal temperatures up to 250°C and with a power density between 0.1W/cm<sup>2</sup> and 5W/cm<sup>2</sup>.



For standard metal drums we have designed the following Ohmbelt set, characterized by two different accessories, both used to manage and adjust the working temperature:

- **OhmBelt LIM** - It involves using a temperature limiting device which prevents drum from overheating. When placing the order, you need to set only the temperature limit, taking into account the tolerance scale given in **Table 1**.
- **OhmBelt REG** - It involves using a temperature regulator thermostat, with maximum calibrating temperature of 150 °C.

**Table 1** (measurements in °C)

Nominal Temperature	50	60	70	80	90	100	110	120	130	140	150
Threshold Switch OFF	50 ±5	60 ±5	70 ±5	85 ±5	90 ±5	100 ±5	110 ±5	120 ±5	130 ±5	140 ±5	150 ±5
Threshold Switch ON	35 ±8	40 ±10	45 ±15	55 ±15	60 ±15	65 ±15	75 ±15	80 ±15	85 ±15	95 ±15	100 ±15

All Ohmbelts are accompanied by a 2 meters power cable. As for the specifications, contained in **Table 2** below, the main values for the different models are

**Table 2**

Code	Drum Volume	Size	Voltage	Power	Accessories
	<i>litri</i>	<i>mm</i>	<i>Volt</i>	<i>Watt</i>	
ohmbelt-200-REG	200	1665x160	230	900	10 Position Switch
ohmbelt-120-REG	120	1220x160	230	750	10 Position Switch
ohmbelt-60-REG	60	935x160	230	500	10 Position Switch
ohmbelt-30-REG	30	770x160	230	300	10 Position Switch
ohmbelt-200-KLX	200	1665x160	230	900	Temperature Limiter
ohmbelt-120-KLX	120	1220x160	230	750	Temperature Limiter
ohmbelt-60-KLX	60	935x160	230	500	Temperature Limiter
ohmbelt-30-KLX	30	770x160	230	300	Temperature Limiter



ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications - feb 25 rbd