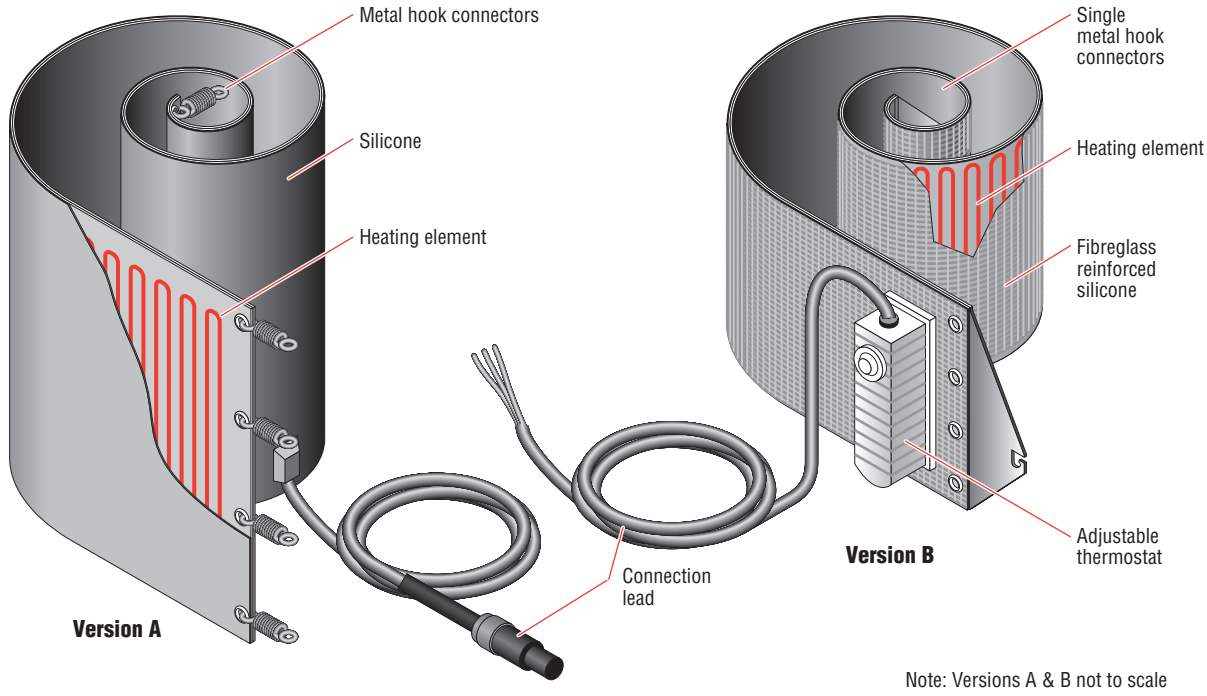
Silicone drum heating band

Heaters are often used to promote effective processing of high viscosity media or gases in barrels, drums, or gas cylinders. These silicone heating bands are a simple, low-cost way to heat drums and gas bottles. There are two versions available. One (Version A) is supplied with internal Pt100 sensor and temperature limiter to 180°C. The other (Version B) is supplied complete with a built-in adjustable thermostat with a control range of 10°C to 218°C. An external controller-box is available.



Note: Versions A & B not to scale

Area Specifications	
Area classification	Nonhazardous, ordinary area
Ingress protection	IP65
Electrical protection class	Class I
Storage temperature	-20 to +50°C
Minimum installation temperature	-20°C

Standard Manufacturing Sizes	
Length	1760 / 1677 / 1384 mm ± 4%
Width	230 / 102 mm ± 2.5%

Heater Construction	
Type	Resistance heating cable
Material	Various alloys
Material of carrier	Version A is silicone or silicone-glass-silk. Version B is fibreglass reinforced silicone.

Lead Connection

Sensor type	Version A optional Pt100

Connection length, lead cross section, maximum operating temperature, connection lead material and thermostat depend on design

Technical Data

Frequency	50-60 Hz
Maximum operating voltage	230 / 240 / 120 Vac
Maximum power	1100 / 1200 / 1000 W
Maximum operating temperature	218°C (or 180°C if optional temperature limiter is included)

Minimum bend radius, maximum area load and maximum compression strength depend on design

Ordering Information

Part number	For standard sizes (Ltr) (m^2)	Length[1] (L) (mm)	Width[1] (H) (mm)	Nominal Voltage (Vac)	Nominal Power[2] (W)
Version with internal Pt100 sensor and temperature limiter to 180°C (Version A)					
171538-000	200	1760	230	230	1100
257692-000 (Controller for 1 band heater)				230	
1235-99500759 (Controller for 3 band heaters)				230	
Versions with adjustable thermostat 10°C to 218°C (Version B)					
791428-000	200	1677	102	240	1200
631912-000	110	1384	102	240	1000
118374-000	200	1677	102	120	1200
450166-000	110	1384	102	120	1000

(1) Tolerances < 400 (±2.5) / > 400 (±4.0)
(2) Tolerances ±10%



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Our products satisfy the requirements of the relevant European Directives.

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