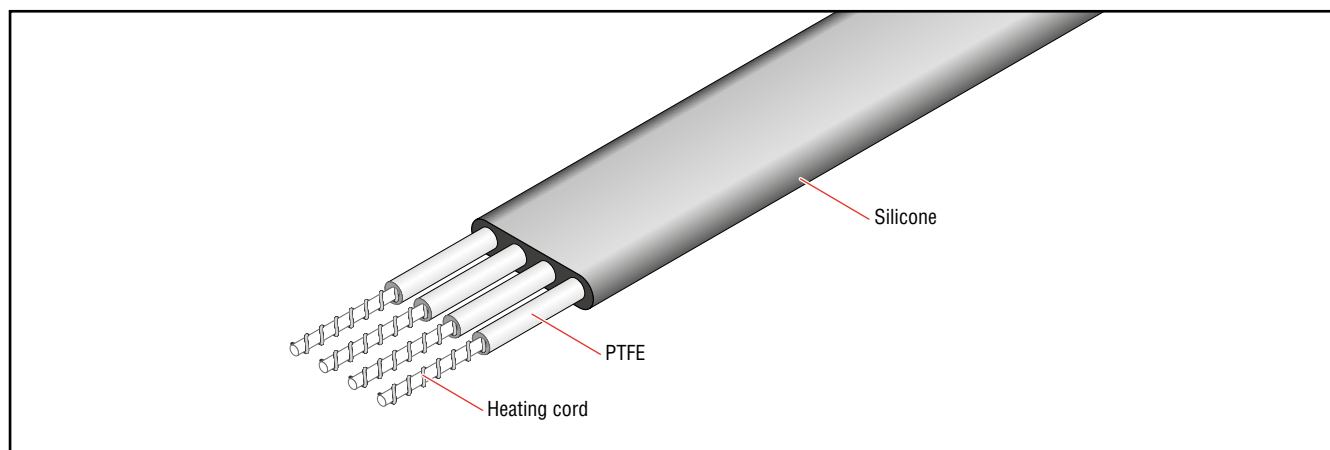


Silicone constant wattage heating tape

Isopad IT-GW 27 is a factory-terminated heating tape constructed from a PTFE electrical insulated resistant wire extruded in silicone rubber.

The construction means it is suitable for use in wet environments. The outer jacket is smooth and may be washed down for cleaning, which also makes it suitable for use in dirty areas.

The IT-GW27 must be used with an appropriate temperature control. We also offer suitable controllers and sensors for your application.



Area Specifications

| | |
|---|-----------------------------|
| Area classification | Nonhazardous, ordinary area |
| Ingress protection | IP67 |
| Electrical protection class | Class II |
| Maximum withstand temperature (power off) | 200°C |
| Storage temperature | +5 to +30°C |
| Minimum installation temperature | -60°C |

Standard Manufacturing Sizes

| | |
|-----------|------------------|
| Width | 27 mm $\pm 10\%$ |
| Thickness | 5 mm $\pm 10\%$ |

Heater Construction

| | |
|--------------------------|--------------------------|
| Type | Resistance heating cable |
| Material | Various alloys |
| Material of insulation | PTFE |
| Material of outer sheath | Silicone |

Lead Connection

| | |
|-------------------------------|-------------------------|
| Connection length | 1.0 m |
| Cross section | 2 x 1.5 mm ² |
| Maximum operating temperature | 180°C |
| Insulation material | Silicone |

Technical Data

| | |
|---------------------------|----------|
| Frequency | 50-60 Hz |
| Nominal operating voltage | 230 Vac |

Technical Data

| | |
|-------------------------------|--|
| Power per meter | Up to 150 W/m (depending on application) |
| Maximum operating temperature | 200°C |
| Minimum bend radius | 25 mm |
| Minimum spacing | 5 mm |

Ordering Information

| Type | Part number | Length ⁽¹⁾ (m) | Nominal power ⁽²⁾ (W) | Nominal voltage (Vac) |
|---------|---------------|------------------------------|-------------------------------------|--------------------------|
| IT-GW27 | 1235-88303562 | 3.6 | 551 | 230 |
| | 1235-88303563 | 4.0 | 270 | 230 |
| | 1235-88303564 | 5.4 | 733 | 230 |
| | 1235-88303565 | 6.0 | 330 | 230 |
| | 1235-88303566 | 8.0 | 367 | 230 |
| | 1235-88303567 | 9.0 | 864 | 230 |
| | 1235-88303568 | 10.0 | 588 | 230 |
| | 1235-88303569 | 12.0 | 1320 | 230 |
| | 1235-88303570 | 15.0 | 1567 | 230 |

⁽¹⁾ Tolerances <2000 mm ± (1% + 50 mm)
>2000 mm ± (2% + 100 mm)

⁽²⁾ Tolerances ±10%

Special versions on request