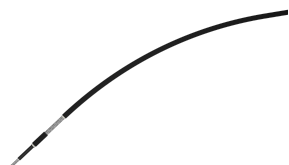


# XPI-F Series Heating Cable, Low Temperature, 4 J



nVent RAYCHEM XPI polymer insulated (PI) series trace heating cables provide freeze protection and process temperature maintenance on long transfer lines, vessels and instrumentation lines. XPI-F: from -60°C to 90°C continuous exposure. Can be used both in safe and hazardous areas.

## FEATURES

Fast installation: very flexible cable and easy termination components

Safe and efficient in operation: stabilized electrical insulation by controlling cold flow

Reliable during long life: hybrid PE and PTFE construction reduces internal mechanical/thermal stress buildup , 4 J impact resistance, 10 year product warranty available

## SPECIFICATIONS

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| <b>Max Power Output:</b>                                 | 20 W/m                   |
| <b>Min Clearance:</b>                                    | 20 mm                    |
| <b>Max Continuous Exposure Temperature, Power Off:</b>   | 90 °C                    |
| <b>Max Intermittent Exposure Temperature, Power Off:</b> | 100 °C                   |
| <b>Max Cumulative Hours for Intermittent Exposure:</b>   | 1000 h                   |
| <b>Min Installation Temperature:</b>                     | -60 °C                   |
| <b>Supply Voltage:</b>                                   | 0 – 500 V                |
| <b>Color:</b>                                            | Black                    |
| <b>Area Classification:</b>                              | Non-Hazardous; Hazardous |
| <b>Outer Jacket Material:</b>                            | Hybrid PE                |

Table 1/1

| Catalog Number | Item Name | Nominal Resistance @ 20°C | Temperature Coefficient | Outer Diameter | Min Bending Radius @ -55°C |
|----------------|-----------|---------------------------|-------------------------|----------------|----------------------------|
|----------------|-----------|---------------------------|-------------------------|----------------|----------------------------|

|             |            |           |          |        |          |
|-------------|------------|-----------|----------|--------|----------|
| 1244-018798 | XPI-F-1.8  | 1.8 Ω/km  | 4.3 %∞/K | 9.5 mm | 71.25 mm |
| 1244-018799 | XPI-F-2.9  | 2.9 Ω/km  | 4.3 %∞/K | 7.8 mm | 58.5 mm  |
| 1244-018800 | XPI-F-4.4  | 4.4 Ω/km  | 4.3 %∞/K | 7.2 mm | 54 mm    |
| 1244-018801 | XPI-F-7    | 7 Ω/km    | 4.3 %∞/K | 6.6 mm | 49.5 mm  |
| 1244-018802 | XPI-F-10   | 10 Ω/km   | 4.3 %∞/K | 6.5 mm | 48.75 mm |
| 1244-018803 | XPI-F-11.7 | 11.7 Ω/km | 4.3 %∞/K | 6.4 mm | 48 mm    |
| 1244-018804 | XPI-F-15   | 15 Ω/km   | 4.3 %∞/K | 6.1 mm | 45.75 mm |
| 1244-018805 | XPI-F-17.8 | 17.8 Ω/km | 4.3 %∞/K | 6 mm   | 45 mm    |
| 1244-018806 | XPI-F-25   | 25 Ω/km   | 3 %∞/K   | 6 mm   | 45 mm    |
| 1244-018807 | XPI-F-31.5 | 31.5 Ω/km | 1.3 %∞/K | 6.4 mm | 48 mm    |
| 1244-018808 | XPI-F-50   | 50 Ω/km   | 1.3 %∞/K | 6 mm   | 45 mm    |
| 1244-018809 | XPI-F-65   | 65 Ω/km   | 1.3 %∞/K | 5.7 mm | 42.75 mm |
| 1244-018810 | XPI-F-80   | 80 Ω/km   | 0.7 %∞/K | 6.1 mm | 45.75 mm |
| 1244-018811 | XPI-F-100  | 100 Ω/km  | 1.3 %∞/K | 5.4 mm | 40.5 mm  |
| 1244-018812 | XPI-F-150  | 150 Ω/km  | 0.4 %∞/K | 5.9 mm | 44.25 mm |
| 1244-018814 | XPI-F-200  | 200 Ω/km  | 0.4 %∞/K | 5.6 mm | 42 mm    |

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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