

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 & BENEFITS

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

Supply Voltage 0 – 500 V

Max Power Output 20 W/m

Outer Jacket Material Hybrid PE

Min Clearance 20 mm

Color Black

Max Maintain or Continuous Exposure Temperature, Power Off 90 °C

Max Intermittent Exposure Temperature, Power Off 100 °C

Max Cumulative Hours for Intermittent Exposure 1000 h

Area Classification Non-Hazardous; Hazardous

Min Installation Temperature -60 °C

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	9.5 mm	71.25 mm
1244-018802	XPI-F-10	10 Ω/km	4.3	6.5 mm	48.75 mm
1244-018811	XPI-F-100	100 Ω/km	1.3	5.4 mm	40.5 mm
1244-018803	XPI-F-11.7	11.7 Ω/km	4.3	6.4 mm	48 mm

Catalog Number	Item Name	Nominal Resistance @ 20°C	Temperature Coefficient	Outer Diameter	Min Bending Radius @ -55°C
1244-018804	XPI-F-15	15 Ω/km	4.3	6.1 mm	45.75 mm
1244-018812	XPI-F-150	150 Ω/km	0.4	5.9 mm	44.25 mm
1244-018805	XPI-F-17.8	17.8 Ω/km	4.3	6 mm	45 mm
1244-018799	XPI-F-2.9	2.9 Ω/km	4.3	7.8 mm	58.5 mm
1244-018814	XPI-F-200	200 Ω/km	0.4	5.6 mm	42 mm
1244-018806	XPI-F-25	25 Ω/km	3	6 mm	45 mm
1244-018807	XPI-F-31.5	31.5 Ω/km	1.3	6.4 mm	48 mm
1244-018800	XPI-F-4.4	4.4 Ω/km	4.3	7.2 mm	54 mm
1244-018808	XPI-F-50	50 Ω/km	1.3	6 mm	45 mm
1244-018809	XPI-F-65	65 Ω/km	1.3	5.7 mm	42.75 mm
1244-018801	XPI-F-7	7 Ω/km	4.3	6.6 mm	49.5 mm
1244-018810	XPI-F-80	80 Ω/km	0.7	6.1 mm	45.75 mm

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