

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

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

Table 1/1

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