

XPI Series Heating Cable, High 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: up to 260°C continuous and 300°C intermittent exposure. Can be used in both hazardous and safe environments.

FEATURES

Fast installation: very flexible cable and easy termination components

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

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

SPECIFICATIONS

Min Clearance:	20 mm
Max Power Output:	35 W/m
Max Continuous Exposure Temperature, Power Off:	260 °C
Max Intermittent Exposure Temperature, Power Off:	300 °C
Max Cumulative Hours for Intermittent Exposure:	1000 h
Min Installation Temperature:	-70 °C
Supply Voltage:	0 – 750 V
Area Classification:	Non-Hazardous; Hazardous
Outer Jacket Material:	PTFE
Color:	Red

Table 1/1

Catalog Number	Item Name	Nominal Resistance @ 20°C	Temperature Coefficient	Outer Diameter
1244-000189	XPI-0.8	0.8 Ω/km	4.3 %/K	11.9 mm

Catalog Number	Item Name	Nominal Resistance @ 20°C	Temperature Coefficient	Outer Diameter
1244-000201	XPI-1.1	1.1 Ω/km	4.3 %/K	10.1 mm
1244-000182	XPI-1.8	1.8 Ω/km	4.3 %/K	8.6 mm
1244-000202	XPI-2.9	2.9 Ω/km	4.3 %/K	6.9 mm
1244-000190	XPI-4.4	4.4 Ω/km	4.3 %/K	6.1 mm
1244-000203	XPI-7.0	7 Ω/km	4.3 %/K	5.5 mm
1244-000204	XPI-10	10 Ω/km	4.3 %/K	5.4 mm
1244-000183	XPI-11.7	11.7 Ω/km	4.3 %/K	5.2 mm
1244-000191	XPI-15	15 Ω/km	4.3 %/K	5.1 mm
1244-000178	XPI-17.8	17.8 Ω/km	4.3 %/K	4.9 mm
1244-000192	XPI-25	25 Ω/km	3 %/K	4.9 mm
1244-000205	XPI-31.5	31.5 Ω/km	1.3 %/K	5.3 mm
1244-000184	XPI-50	50 Ω/km	1.3 %/K	4.9 mm
1244-000206	XPI-65	65 Ω/km	1.3 %/K	4.8 mm
1244-000193	XPI-80	80 Ω/km	0.7 %/K	5.1 mm
1244-000200	XPI-8000	8000 Ω/km	0.1 %/K	4.1 mm
1244-000213	XPI-7000	7000 Ω/km	0.1 %/K	4.2 mm
1244-000188	XPI-5600	5600 Ω/km	0.1 %/K	4.2 mm
1244-000199	XPI-4000	4000 Ω/km	0.35 %/K	4.2 mm

Catalog Number	Item Name	Nominal Resistance @ 20°C	Temperature Coefficient	Outer Diameter
1244-000654	XPI-5160	5160 Ω/km	0.1 %/K	4.3 mm
1244-000181	XPI-4400	4400 Ω/km	0.1 %/K	4.3 mm
1244-000198	XPI-1750	1750 Ω/km	0.04 %/K	4.3 mm
1244-000211	XPI-1440	1440 Ω/km	0.04 %/K	4.4 mm
1244-000212	XPI-3000	3000 Ω/km	0.35 %/K	4.4 mm
1244-000207	XPI-100	100 Ω/km	0.4 %/K	5.2 mm
1244-000186	XPI-700	700 Ω/km	0.18 %/K	4.5 mm
1244-000196	XPI-600	600 Ω/km	0.18 %/K	4.5 mm
1244-000197	XPI-1000	1000 Ω/km	0.04 %/K	4.5 mm
1244-000187	XPI-2000	2000 Ω/km	0.35 %/K	4.6 mm
1244-000208	XPI-480	480 Ω/km	0.18 %/K	4.7 mm
1244-000209	XPI-810	810 Ω/km	0.04 %/K	4.6 mm
1244-000180	XPI-380	380 Ω/km	0.18 %/K	4.8 mm
1244-000195	XPI-200	200 Ω/km	0.4 %/K	4.8 mm
1244-000185	XPI-150	150 Ω/km	0.4 %/K	4.9 mm
1244-000653	XPI-320	320 Ω/km	0.18 %/K	4.9 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.

North America

Tel +1.800.545.6258

Fax +1.800.527.5703

thermal.info@nvent.com

**Europe, Middle East,
Africa**

Tel +32.16.213.511

Fax +32.16.213.604

thermal.info@nvent.com

Asia Pacific

Tel +86.21.2412.1688

Fax +86.21.5426.3167

cn.thermal.info@nvent.com

Latin America

Tel +1.713.868.4800

Fax +1.713.868.2333

thermal.info@nvent.com

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