

MI Series Corrugated Stainless Steel XMI-L Heating Cable



nVent RAYCHEM XMI-L heating cables provide solutions for industrial freeze protection and process-temperature maintenance applications up to 752°F (400°C) and maximum continuous exposure temperatures up to 1022°F / 550°C. Constructed using Alloy 825 sheathed MI heating cables inside a small or large corrugated 316L stainless steel sheath, providing a lower sheath temperature for optimized, reduced pass designs and improved constructability in hazardous area applications. Ideally suited for heating applications where high power output, high exposure temperatures, or extreme resistance to environmental corrosives is needed.

FEATURES

Lower sheath temperatures facilitating reduced pass designs and improved constructability

Reduced total installed cost

Reduced power supply costs: lower start up currents compared with other technologies

Simple controls: current monitoring on series resistance provides instant visibility on critical circuits

Reliable during long life: 10 year product warranty available, robust and rugged construction, proven in harsh climates extends life expectancy

High corrosion resistance to a wide range of organic acids and alkalis

SPECIFICATIONS

Conductor Quantity:	2
Max Power Output:	50 W/ft
Max Continuous Exposure Temperature, Power Off:	1022 °F
Min Installation Temperature:	-76 °F
Conductor Material:	Alloy
Sheath Material:	Alloy 825
Outer Sheath Material:	Corrugated Stainless Steel 316L
Area Classification:	Non-Hazardous; Hazardous
Insulation Material:	Magnesium Oxide

Table 1/1

Catalog Number	Supply Voltage	Nominal Resistance @ 68°F	Outer Diameter
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62SP4281-CL	0 – 600 V	0.0281 Ω /ft	0.57 in
32SB2114-CL	0 – 300 V	1.14 Ω /ft	0.57 in
32SB2114-CS	0 – 300 V	1.14 Ω /ft	0.49 in
32SB3700-CL	0 – 300 V	0.7 Ω /ft	0.57 in
32SB3700-CS	0 – 300 V	0.7 Ω /ft	0.49 in
32SB3914-CL	0 – 300 V	0.914 Ω /ft	0.57 in
32SB3914-CS	0 – 300 V	0.914 Ω /ft	0.49 in
62SB3700-CL	0 – 600 V	0.7 Ω /ft	0.57 in
62SB3914-CL	0 – 600 V	0.914 Ω /ft	0.57 in
62SP4402-CL	0 – 600 V	0.0402 Ω /ft	0.57 in
32SP4458-CL	0 – 300 V	0.0458 Ω /ft	0.57 in
32SP4458-CS	0 – 300 V	0.0458 Ω /ft	0.49 in
62SP4561-CL	0 – 600 V	0.0561 Ω /ft	0.57 in
32SP4583-CL	0 – 300 V	0.0583 Ω /ft	0.57 in
32SP4583-CS	0 – 300 V	0.0583 Ω /ft	0.49 in
32SP4734-CL	0 – 300 V	0.0734 Ω /ft	0.57 in
32SP4734-CS	0 – 300 V	0.0734 Ω /ft	0.49 in
62SP4775-CL	0 – 600 V	0.0775 Ω /ft	0.57 in
32SA2400-CS	0 – 300 V	4 Ω /ft	0.49 in

32SA2275-CS	0 – 300 V	2.75 Ω /ft	0.49 in
32SF1110-CS	0 – 300 V	11 Ω /ft	0.49 in
32SA2170-CL	0 – 300 V	1.7 Ω /ft	0.57 in
32SA2170-CS	0 – 300 V	1.7 Ω /ft	0.49 in
32SA2200-CL	0 – 300 V	2 Ω /ft	0.57 in
32SA2200-CS	0 – 300 V	2 Ω /ft	0.49 in
32SA2275-CL	0 – 300 V	2.75 Ω /ft	0.57 in
32SA2318-CL	0 – 300 V	3.18 Ω /ft	0.57 in
32SA2318-CS	0 – 300 V	3.18 Ω /ft	0.49 in
32SA2400-CL	0 – 300 V	4 Ω /ft	0.57 in
32SA2600-CL	0 – 300 V	6 Ω /ft	0.57 in
32SA2600-CS	0 – 300 V	6 Ω /ft	0.49 in
32SF1110-CL	0 – 300 V	11 Ω /ft	0.57 in
32SF1180-CL	0 – 300 V	18 Ω /ft	0.57 in
32SF1180-CS	0 – 300 V	18 Ω /ft	0.49 in
32SF2750-CL	0 – 300 V	7.5 Ω /ft	0.57 in
32SF2750-CS	0 – 300 V	7.5 Ω /ft	0.49 in
32SF2900-CL	0 – 300 V	9 Ω /ft	0.57 in
32SF2900-CS	0 – 300 V	9 Ω /ft	0.49 in

62SA2170-CL	0 – 600 V	1.7 Ω /ft	0.57 in
62SA2275-CL	0 – 600 V	2.75 Ω /ft	0.57 in
62SA2414-CL	0 – 600 V	4.14 Ω /ft	0.57 in
62SF1110-CL	0 – 600 V	11 Ω /ft	0.57 in
62SF2200-CL	0 – 600 V	2 Ω /ft	0.57 in
62SF2600-CL	0 – 600 V	6 Ω /ft	0.57 in
62SF2750-CL	0 – 600 V	7.5 Ω /ft	0.57 in
62SF2900-CL	0 – 600 V	9 Ω /ft	0.57 in
32SQ3200-CS	0 – 300 V	0.2 Ω /ft	0.49 in
32SQ3150-CS	0 – 300 V	0.15 Ω /ft	0.49 in
62SQ3100-CL	0 – 600 V	0.1 Ω /ft	0.57 in
32SQ3100-CL	0 – 300 V	0.1 Ω /ft	0.57 in
32SQ3100-CS	0 – 300 V	0.1 Ω /ft	0.49 in
32SQ3472-CS	0 – 300 V	0.472 Ω /ft	0.49 in
32SQ3293-CS	0 – 300 V	0.293 Ω /ft	0.49 in
32SQ3374-CS	0 – 300 V	0.374 Ω /ft	0.49 in
32SQ3200-CL	0 – 300 V	0.2 Ω /ft	0.57 in
32SQ3150-CL	0 – 300 V	0.15 Ω /ft	0.57 in
32SQ3472-CL	0 – 300 V	0.472 Ω /ft	0.57 in

32SQ3293-CL	0 – 300 V	0.293 Ω /ft	0.57 in
32SQ3374-CL	0 – 300 V	0.374 Ω /ft	0.57 in
62SQ3150-CL	0 – 600 V	0.15 Ω /ft	0.57 in
62SQ3374-CL	0 – 600 V	0.374 Ω /ft	0.57 in
62ST2115-CL	0 – 600 V	1.15 Ω /ft	0.57 in
62ST3505-CL	0 – 600 V	0.505 Ω /ft	0.57 in
62SQ3286-CL	0 – 600 V	0.286 Ω /ft	0.57 in
62SQ3200-CL	0 – 600 V	0.2 Ω /ft	0.57 in

ADDITIONAL PRODUCT DETAILS

The heating units are available in lengths up to 150 feet (45.7 meters)

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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