



**"MAXPAK" Cable Heater Sectional Specifications**

Sectional Configuration	Nominal Section (Inches)	Nominal Section (Millimeters)	Maximum Length (In.)	Min. Bend Radius (In.)	Min. Coiled I.D. (In.)	Min. Coiled & Sized I.D. (In.)
Rectangular	.080 X .140 +/--.003	2.03 X 3.51 +/--.08	120	3/16	3/8	5/16
Rectangular	.080 X .200 +/--.003	2.03 X 5.08 +/--.08	120	3/16	3/8	5/16
Rectangular	.100 X .160 +/--.003	2.54 X 4.06 +/--.08	120	1/4	1/2	5/16
Rectangular	.150 X .375 +/--.003	3.81 X 9.53 +/--.08	120	5/16	3/4	5/8
Rectangular	.150 X .394 +/--.003	3.81 X 10.0 +/--.08	120	5/16	3/4	5/8
Rectangular	.187 X .312 +/--.003	4.75 X 7.92 +/--.08	120	3/8	3/4	3/4
Square	.100 X .100 +/--.003	5.90 X 5.90 +/--.08	120	1/4	1/2	5/16
Square	.125 X .125 +/--.003	6.40 X 6.40 +/--.08	120	1/4	1/2	5/16
Square	.187 X .187 +/--.003	7.90 X 7.90 +/--.08	120	3/8	3/4	5/8
Square	.250 X .250 +/--.003	9.90 X 9.90 +/--.08	120	1/2	1	5/8
Square	.312 X .312 +/--.003	11.90 X 11.90 +/--.08	120	3/4	1 1/2	5/8
Round	.125 Dia. +/--.003	3.17 Dia. +/--.08	120	1/4	1/2	5/16
Round	.156 Dia. +/--.003	3.96 Dia. +/--.08	120	5/16	5/8	5/8
Round	.187 Dia. +/--.003	4.75 Dia. +/--.08	120	3/8	3/4	5/8
Round	.275 Dia. +/--.003	7.00 Dia. +/--.08	120	5/8	1 1/4	1
Round	.354 Dia. +/--.003	9.00 Dia. +/--.08	120	3/4	1 1/2	1

**"MAXPAK" Cable Heater Coiling Specifications**

Standard Coil Width Specifications		Standard Coil I.D. Specifications	
Coil Width Ranges	Coil Width Tolerances	Coil I.D. Ranges	Coil I.D. Tolerances
Widths To 6 In. ( 152 mm )	+ 0 - 1/8 In. ( + 0 - 3.2 mm )	I.D.'s To .75 In. ( 19 mm )	-.004 - .010 In. ( - .10 - .25 mm )
		I.D.'s .75 To 1.25 In. ( 19-32 mm )	-.004 - .012 In. ( - .10 - .3 mm )
Widths 6 In. To 10 In. ( 152 - 254 mm )	+ 1/8 - 1/4 In. ( +3.2 - 6.4 mm )	I.D.'s 1.25 To 2.25 In. ( 32-57mm )	-.004 - .014 In. ( - .10 - .36 mm )
		I.D.'s 2.25 To 3.25 In. ( 57-83 mm )	-.006 - .020 In. ( - .15 - .51 mm )
Widths Greater Than 10 In. ( 254 mm )	+ 1/8 - 5/16 In. ( + 3.2 - 8.9 mm )	I.D.'s 3.25 To 4.25 In. ( 83-108 mm )	-.006 - .030 In. ( - .15 - .76 mm )
		I.D.'s 4.25 To 5.25 In. ( 108-133 mm )	-.006 - .040 In. ( - .15 - 1.01 mm )

**"MAXPAK" Cable Heater Straight Length Dimensional Specifications**

Standard Cable Straight Length Specifications				
Length	24" ( 610 mm )	24" - 60" ( 610-1524 )	60" - 100" ( 1524-2540 mm )	>100" ( 2540 mm )
Tolerances	+/- .375" ( 9.53 mm )	+/- .500" ( 12.7 mm )	+/- 1.00" ( 25.4 mm )	+/- 1%

**"MAXPAK" Cable Heater Electrical Specifications**

Sectional Configuration	Nominal Section (Inches)	Nominal Section (Millimeters)	Maximum Voltage	Dielectric (1 Minute)	Insulation Resistance (Typical)	Leakage Current (Typical)
Rectangular	.080 X .140 +/- .003	2.03 X 3.51 +/- .08	240	1000 Volts AC	>50M Ohm 500 VDC	<.1 ma @ 240 VAC
Rectangular	.080 X .200 +/- .003	2.03 X 5.08 +/- .08	240	1000 Volts AC	>50M Ohm 500 VDC	<.1 ma @ 240 VAC
Rectangular	.100 X .160 +/- .003	2.54 X 4.06 +/- .08	240	1000 Volts AC	>50M Ohm 500 VDC	<.1 ma @ 240 VAC
Rectangular	.150 X .375 +/- .003	3.81 X 9.53 +/- .08	240	1000 Volts AC	>50M Ohm 500 VDC	<.1 ma @ 240 VAC
Rectangular	.150 X .394 +/- .003	3.81 X 10.0 +/- .08	240	1200 Volts AC	>50M Ohm 500 VDC	<.1 ma @ 240 VAC
Rectangular	.187 X .312 +/- .003	4.75 X 7.92 +/- .08	240	1200 Volts AC	>50M Ohm 500 VDC	<.1 ma @ 240 VAC
Square	.100 X .100 +/- .003	5.90 X 5.90 +/- .08	240	1000 Volts AC	>50M Ohm 500 VDC	<.1 ma @ 240 VAC
Square	.125 X .125 +/- .003	6.40 X 6.40 +/- .08	240	1000 Volts AC	>50M Ohm 500 VDC	<.1 ma @ 240 VAC
Square	.187 X .187 +/- .003	7.90 X 7.90 +/- .08	240	1000 Volts AC	>50M Ohm 500 VDC	<.1 ma @ 240 VAC
Square	.250 X .250 +/- .003	9.90 X 9.90 +/- .08	240	1200 Volts AC	>50M Ohm 500 VDC	<.1 ma @ 240 VAC
Square	.312 X .312 +/- .003	11.90 X 11.90 +/- .08	240	1200 Volts AC	>50M Ohm 500 VDC	<.1 ma @ 240 VAC
Round	.125 Dia. +/- .003	3.17 Dia. +/- .08	240	1000 Volts AC	>50M Ohm 500 VDC	<.1 ma @ 240 VAC
Round	.156 Dia. +/- .003	3.96 Dia. +/- .08	240	1000 Volts AC	>50M Ohm 500 VDC	<.1 ma @ 240 VAC
Round	.187 Dia. +/- .003	4.75 Dia. +/- .08	240	1000 Volts AC	>50M Ohm 500 VDC	<.1 ma @ 240 VAC
Round	.275 Dia. +/- .003	7.00 Dia. +/- .08	240	1200 Volts AC	>50M Ohm 500 VDC	<.1 ma @ 240 VAC
Round	.354 Dia. +/- .003	9.00 Dia. +/- .08	240	1200 Volts AC	>50M Ohm 500 VDC	<.1 ma @ 240 VAC

**"MAXPAK" Cable Heater Precision Sized Coil I.D. Specifications**

Precision Sized Coil Width Specifications		Precision Sized Coil I.D. Specifications	
Coil Width Ranges	Coil Width Tolerances	Coil I.D. Ranges	Coil I.D. Tolerances
Widths To 6 In. (152 mm)	+ .000 - .040 In. (+ 0 - 1 mm)	I.D.'s To .75 In. (19 mm)	-.003 - .001 In. (- .1 - .3 mm)
Widths 6 In. To 10 In.	+ .000 - .080 In. (+ 0 - 2 mm)	I.D.'s .75 To 1.25 In. (19-32 mm)	-.005 - .002 In. (- .1 - .3 mm)
Widths Greater Than 10 In.	+ .000 - .120 In. (+ 0 - 3 mm)	I.D.'s 1.25 To 1.25 In. (32- mm)	-.007 - .003 In. (- .1 - .3 mm)

**"MAXPAK" Cable Heater Precision Sized Coil O.D. Specifications**

Precision Sized Coil Width Specifications		Precision Sized Coil I.D. Specifications	
Coil Width Ranges	Coil Width Tolerances	Coil O.D. Ranges	Coil O.D. Tolerances
Widths To 6 In. (152 mm)	+ .000 - .040 In. (+ 0 - 1 mm)	O.D.'s To .512 In. (13 mm)	-.001 - .005 In. (- .03 - .08 mm)
Widths 6 In. - 10 In. (152-254 mm)	+ .000 - .080 In. (+ 0 - 2 mm)	O.D.'s .512 To .906 In. (13-23 mm)	-.001 - .006 In. (- .03 - .15 mm)
Widths > Than 10 In. (254 mm)	+ .000 - .120 In. (+ 0 - 3 mm)	O.D.'s .906 To 1.50 In. (23-38 mm)	-.001 - .007 In. (- .03 - .18 mm)