



"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 | 2.54 X 2.54 +/--.08 | 120 | 1/4 | 1/2 | 5/16 |
| Square | .125 X .125 +/--.003 | 3.17 X 3.17 +/--.08 | 120 | 1/4 | 1/2 | 5/16 |
| Square | .187 X .187 +/--.003 | 4.75 X 4.75 +/--.08 | 120 | 3/8 | 3/4 | 5/8 |
| Square | .250 X .250 +/--.003 | 6.35 X 6.35 +/--.08 | 120 | 1/2 | 1 | 5/8 |
| Square | .312 X .312 +/--.003 | 7.92 X 7.92 +/--.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 | 2.54 X 2.54 +/- .08 | 240 | 1000 Volts AC | >50M Ohm 500 VDC | <.1 ma @ 240 VAC |
| Square | .125 X .125 +/- .003 | 3.17 X 3.17 +/- .08 | 240 | 1000 Volts AC | >50M Ohm 500 VDC | <.1 ma @ 240 VAC |
| Square | .187 X .187 +/- .003 | 4.75 X 4.75 +/- .08 | 240 | 1000 Volts AC | >50M Ohm 500 VDC | <.1 ma @ 240 VAC |
| Square | .250 X .250 +/- .003 | 6.35 X 6.35 +/- .08 | 240 | 1200 Volts AC | >50M Ohm 500 VDC | <.1 ma @ 240 VAC |
| Square | .312 X .312 +/- .003 | 7.92 X 7.92 +/- .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) |