



Rigid Aluminum Conduit:

A light, corrosion-resistant wiring solution

Rigid aluminum conduit provides lightweight, nonmagnetic wiring solutions for dry, wet, exposed, concealed or hazardous locations that comply with the National Electrical Code® (NEC).

10' lengths

Lightweight,
easy to install

Easy to cut and bend
on the job

Conduit threaded
on both ends

Coupling supplied on
one end, color-coded
thread protector on
other end

Excellent corrosion-
resistant properties

Nonsparking and
nonmagnetic

Contains recycled
aluminum

Recyclable

Long life

Designed for Quality and Efficiency

At Wheatland Tube, we leverage our experience and the latest technologies to meet your quality, time and budget requirements. We offer rigid aluminum conduit from 6063 aluminum alloy, T-1 temper—a “marine grade” alloy that ensures strength and corrosion resistance. The lightweight design allows for easy installation, saving you time and money.

Green and Sustainable

Rigid aluminum conduit contains recycled aluminum and provides decades of reliable service. Conductors can be easily removed and new conductors inserted. Additional circuits may be added in the same conduit, as permitted by the code. Rigid aluminum conduit can be almost totally recycled at the end of its life.

Wheatland also offers a
full line of EC&N products.
Visit wheatland.com to learn more!



Tested and Certified for Safety

Our rigid aluminum conduit is UL® Listed to UL 6A. It is manufactured in accordance with ANSI® C80.5. The pitch of aluminum conduit threads conforms to the American National Standard for Pipe Threads, General Purpose (Inch), ANSI/ASME B1.20.1. The taper of threads is 3/4 inch per foot (1 in 16). Rigid aluminum conduit offers good mechanical protection. It naturally resists most corrosive atmospheres and industrial environments, so extra coatings may not be required.

For more information, call **800.257.8182** or visit **wheatland.com**

RIGID ALUMINUM CONDUIT WEIGHTS AND DIMENSIONS

| TRADE SIZE | METRIC DESIGNATOR | THREADS / INCH | ACCEPTABLE LENGTH* OF FINISHED CONDUIT WITHOUT COUPLING | | | WEIGHT OF 10 UNIT LENGTHS WITH COUPLINGS | | NOMINAL OUTSIDE DIAMETER** | | NOMINAL INSIDE DIAMETER*** | | NOMINAL WALL THICKNESS*** | |
|------------|-------------------|----------------|---|-------------|----------|--|--------|----------------------------|--------|----------------------------|--------|---------------------------|------|
| | | | ft. | +/- .25 in. | +/- 6 mm | lbs. | kg | in. | mm | in. | mm | in. | mm |
| ½ | 16 | 14 | 9 | 11¼ | 3030 | 28.1 | 12.75 | 0.840 | 21.34 | 0.632 | 16.05 | 0.104 | 2.64 |
| ¾ | 21 | 14 | 9 | 11¼ | 3030 | 37.4 | 16.96 | 1.050 | 26.67 | 0.836 | 21.23 | 0.107 | 2.72 |
| 1 | 27 | 11½ | 9 | 11 | 3025 | 54.5 | 24.72 | 1.315 | 33.40 | 1.063 | 27.00 | 0.126 | 3.20 |
| 1¼ | 35 | 11½ | 9 | 11 | 3025 | 71.6 | 32.48 | 1.660 | 42.16 | 1.394 | 35.41 | 0.133 | 3.38 |
| 1½ | 41 | 11½ | 9 | 11 | 3025 | 88.7 | 40.23 | 1.900 | 48.26 | 1.624 | 41.25 | 0.138 | 3.51 |
| 2 | 53 | 11½ | 9 | 11 | 3025 | 118.5 | 53.75 | 2.375 | 60.33 | 2.083 | 52.91 | 0.146 | 3.71 |
| 2½ | 63 | 8 | 9 | 10½ | 3010 | 187.5 | 85.05 | 2.875 | 73.03 | 2.489 | 63.22 | 0.193 | 4.90 |
| 3 | 78 | 8 | 9 | 10½ | 3010 | 246.3 | 111.72 | 3.500 | 88.90 | 3.090 | 78.49 | 0.205 | 5.21 |
| 3½ | 91 | 8 | 9 | 10¼ | 3005 | 295.6 | 134.08 | 4.000 | 101.60 | 3.570 | 90.68 | 0.215 | 5.46 |
| 4 | 103 | 8 | 9 | 10¼ | 3005 | 350.2 | 158.85 | 4.500 | 114.30 | 4.050 | 102.87 | 0.225 | 5.72 |
| 5 | 129 | 8 | 9 | 10 | 2995 | 478.9 | 217.23 | 5.563 | 141.30 | 5.073 | 128.85 | 0.245 | 6.22 |
| 6 | 155 | 8 | 9 | 10 | 2995 | 630.4 | 285.95 | 6.625 | 168.28 | 6.093 | 154.76 | 0.266 | 6.76 |

* Rigid aluminum conduit is manufactured to produce a 10' (3.05 m) length of conduit when a standard coupling is attached.

** Applicable tolerances: Outside diameter ½-1½: ± 0.015" (16-41: ± 0.38 mm), 2-6: (53-155) ± 1%.

*** For information only; not a standards requirement.

RIGID ALUMINUM CONDUIT PACKAGING

| TRADE SIZE | METRIC DESIGNATOR | THREAD PROTECTOR COLOR | QUANTITY / BUNDLE | | QUANTITY / LIFT | | WEIGHT / LIFT | | VOLUME / LIFT | | | |
|------------|-------------------|------------------------|-------------------|------|-----------------|---------|---------------|-----|---------------|-----|---------|-------|
| | | | ft. | m | Pieces | Bundles | ft. | m | lbs. | kg | cu. ft. | cu. m |
| ½ | 16 | Black | 100 | 30.5 | — | 25 | 2500 | 762 | 703 | 319 | 18.7 | 0.53 |
| ¾ | 21 | Red | 100 | 30.5 | — | 25 | 2500 | 762 | 935 | 424 | 27.1 | 0.77 |
| 1 | 27 | Blue | 100 | 30.5 | — | 20 | 2000 | 610 | 1090 | 494 | 31.3 | 0.88 |
| 1¼ | 35 | Red | — | — | 100 | — | 1000 | 305 | 716 | 325 | 27.5 | 0.78 |
| 1½ | 41 | Black | — | — | 100 | — | 1000 | 305 | 887 | 402 | 34.3 | 0.97 |
| 2 | 53 | Blue | — | — | 45 | — | 450 | 137 | 533 | 242 | 26.4 | 0.75 |
| 2½ | 63 | Black | — | — | 30 | — | 300 | 91 | 563 | 255 | 22.9 | 0.65 |
| 3 | 78 | Blue | — | — | 20 | — | 200 | 61 | 493 | 223 | 22.9 | 0.65 |
| 3½ | 91 | Black | — | — | 20 | — | 200 | 61 | 591 | 268 | 27.5 | 0.78 |
| 4 | 103 | Blue | — | — | 20 | — | 200 | 61 | 700 | 318 | 35.4 | 1.00 |
| 5 | 129 | Blue | — | — | 8 | — | 80 | 24 | 383 | 174 | 24.4 | 0.69 |
| 6 | 155 | Blue | — | — | 6 | — | 60 | 18 | 378 | 172 | 26.7 | 0.76 |

A formal industry packaging standard for aluminum conduit does not exist.



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About Wheatland Tube Electrical Conduit and Fittings

Wheatland Tube produces a broad spectrum of steel electrical conduit, including intermediate metal conduit (IMC), electrical metallic tubing (EMT) and DuraGuard™ hot-dip galvanized steel rigid metal conduit. We also supply a full line of steel and aluminum elbows and nipples, steel couplings, and rigid aluminum conduit and couplings. Additionally, we now offer SpeedCouple, a factory-installed swivel coupling, and SmartSet™ EMT with integral set screw coupling.

For more information, contact Wheatland Tube at:

800.257.8182 or **info@wheatland.com**

Or, visit our website at wheatland.com

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The Strength to
Deliver 