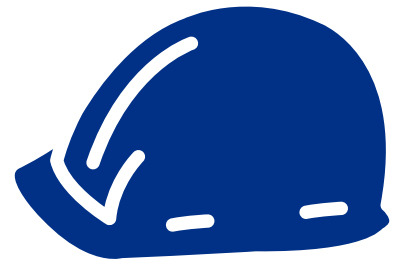


# AMERICAN CONDUIT



**NEW!**

**PullEase™ Aluminum EMT**

**1/2" - 4"**





**PullEase™** aluminum EMT is a patented design tested to reduce internal resistance when pulling wire. No messy lubrication required, just easier wire pulling and overall labor savings with lightweight aluminum.

- ✓ **Easy to pull**
- ✓ **Rust resistant**
- ✓ **Lightweight**
- ✓ **Recyclable**

**PullEase replaces steel EMT with an easy-to-pull and easy-to-carry lightweight aluminum alternative!**

## UL 797A ALUMINUM EMT

Our PullEase aluminum EMT is available in sizes 1/2" to 4" and UL listed just like steel EMT. PullEase carries the same ANSI and federal spec approvals, plus it is non-magnetic and fully recyclable for electrical and environmental advantages.

## LIGHTWEIGHT AND EASIER TO INSTALL

- Less than 1/2 the weight of steel EMT for maximum worker safety
- Easy installation and labor savings with fewer workers

## SUPERIOR APPEARANCE AND SAFETY

- Non-magnetic and a superior grounding path for increased safety
- Rust resistant aluminum stays attractive longer



# ALUMINUM ELECTRICAL METALLIC TUBING (EMT)

| Trade Size Designator |        | Approx Wt per 100 Ft (30.5m) |       | Typical Outside Diameter |       | Typical Inside Diameter |       | Quantity in Primary Bundle |      | Master Bundle |         |             |       |         |       |
|-----------------------|--------|------------------------------|-------|--------------------------|-------|-------------------------|-------|----------------------------|------|---------------|---------|-------------|-------|---------|-------|
|                       |        |                              |       |                          |       |                         |       |                            |      | Quantity      |         | Approx. Wt. |       | Volume  |       |
| U.S.                  | Metric | lbs.                         | kg.   | in.                      | mm    | in.                     | mm    | ft.                        | m    | ft.           | m       | lbs.        | kg.   | cu. ft. | cu. m |
| 1/2                   | 16     | 11.5                         | 5.2   | 0.706                    | 17.9  | 0.600                   | 15.2  | 100                        | 30.5 | 7,000         | 2,135.0 | 805.0       | 365.1 | 28.7    | 0.81  |
| 3/4                   | 21     | 19.0                         | 8.6   | 0.922                    | 23.4  | 0.790                   | 20.1  | 100                        | 30.5 | 5,000         | 1,525.0 | 950.0       | 430.9 | 35.6    | 1.01  |
| 1                     | 27     | 26.5                         | 12.0  | 1.163                    | 29.5  | 1.015                   | 25.8  | 100                        | 30.5 | 3,000         | 915.0   | 795.0       | 360.6 | 33.7    | 0.95  |
| 1-1/4                 | 35     | 34.4                         | 15.6  | 1.510                    | 38.4  | 1.369                   | 34.8  | 50                         | 15.2 | 2,000         | 610.0   | 688.0       | 312.1 | 35.0    | 0.99  |
| 1-1/2                 | 41     | 42.5                         | 19.3  | 1.740                    | 44.2  | 1.590                   | 40.4  | 50                         | 15.2 | 1,500         | 457.5   | 637.5       | 289.2 | 34.2    | 0.97  |
| 2                     | 53     | 72.6                         | 32.9  | 2.197                    | 55.8  | 1.994                   | 50.6  | -                          | -    | 1,200         | 366.0   | 871.2       | 395.2 | 46.7    | 1.32  |
| 2-1/2                 | 63     | 112.0                        | 50.8  | 2.875                    | 73.0  | 2.622                   | 66.6  | -                          | -    | 610           | 186.1   | 683.2       | 309.9 | 41.5    | 1.18  |
| 3                     | 78     | 140.6                        | 63.8  | 3.500                    | 88.9  | 3.222                   | 81.8  | -                          | -    | 510           | 155.6   | 717.1       | 325.3 | 48.9    | 1.38  |
| 3-1/2                 | 91     | 189.0                        | 85.7  | 4.000                    | 101.6 | 3.681                   | 93.5  | -                          | -    | 370           | 112.9   | 699.3       | 317.2 | 48.6    | 1.38  |
| 4                     | 103    | 221.6                        | 100.5 | 4.500                    | 114.3 | 4.161                   | 105.7 | -                          | -    | 300           | 91.5    | 664.8       | 301.6 | 48.3    | 1.37  |

Outside diameter tolerances:

+/- .005 in. (.13mm) for trade sizes 1/2" through 2"

+/- .010 in. for trade size 2-1/2"

+/- .015 in. for trade size 3"

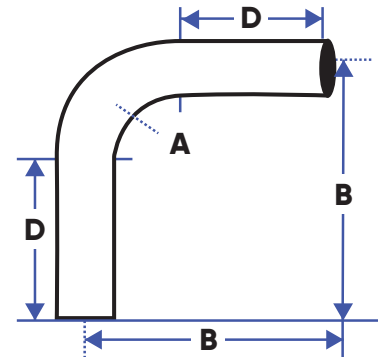
+/- .020 in. for trade sizes 3-1/2" and 4"

Length = 10 ft. with a tolerance of +/- 0.25"



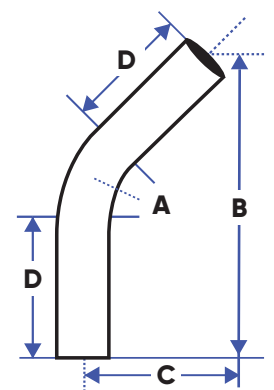
## 90° ELBOWS - ALUMINUM ELECTRICAL METALLIC TUBING (EMT)

| Trade Size Designator |        | Nominal Dimensions Radius (A) |     | Nominal Dimensions Offset (B) |     | Nominal Dimensions Offset (D) |     | Approx. Weight per 100 Pieces |       | Standard Package |
|-----------------------|--------|-------------------------------|-----|-------------------------------|-----|-------------------------------|-----|-------------------------------|-------|------------------|
| U.S.                  | Metric | in.                           | mm  | in.                           | mm  | in.                           | mm  | lb                            | kg    |                  |
| 1/2                   | 16     | 4                             | 102 | 6 1/2                         | 165 | 2 1/2                         | 64  | 13                            | 6.1   | 50               |
| 3/4                   | 21     | 4 1/2                         | 114 | 7 1/4                         | 184 | 2 3/4                         | 70  | 21                            | 9.3   | 50               |
| 1                     | 27     | 5 3/4                         | 146 | 8 3/8                         | 213 | 2 7/8                         | 73  | 34                            | 15.3  | 25               |
| 1-1/4                 | 35     | 7 1/4                         | 184 | 10 1/4                        | 260 | 3                             | 76  | 52                            | 23.4  | 20               |
| 1-1/2                 | 41     | 8 1/4                         | 210 | 11 7/8                        | 302 | 3 5/8                         | 92  | 74                            | 33.4  | 10               |
| 2                     | 53     | 9 1/2                         | 241 | 14                            | 356 | 4 1/2                         | 114 | 148                           | 67.2  | 10               |
| 2-1/2                 | 63     | 10 1/2                        | 267 | 15 3/4                        | 400 | 5 1/4                         | 133 | 257                           | 116.4 | 10               |
| 3                     | 78     | 13                            | 330 | 18 3/4                        | 476 | 5 3/4                         | 146 | 393                           | 178.0 | 10               |
| 3-1/2                 | 91     | 15                            | 381 | 21 3/4                        | 552 | 6 3/4                         | 171 | 591                           | 267.9 | 5                |
| 4                     | 103    | 16                            | 406 | 23                            | 584 | 7                             | 178 | 757                           | 343.4 | 5                |



## 45° ELBOWS - ALUMINUM ELECTRICAL METALLIC TUBING (EMT)

| Trade Size Designator |        | Nominal Dimensions Radius (A) |     | Nominal Dimensions Offset (B) |     | Nominal Dimensions Offset (C) |     | Nominal Dimensions Offset (D) |     | Approx. Weight per 100 Pieces |       | Std. Pkg. |
|-----------------------|--------|-------------------------------|-----|-------------------------------|-----|-------------------------------|-----|-------------------------------|-----|-------------------------------|-------|-----------|
| U.S.                  | Metric | in.                           | mm  | in.                           | mm  | in.                           | mm  | in.                           | mm  | lb                            | kg    |           |
| 1/2                   | 16     | 4                             | 102 | 7                             | 178 | 3                             | 76  | 2 1/2                         | 64  | 9                             | 4.1   | 50        |
| 3/4                   | 21     | 4 1/2                         | 114 | 7 7/8                         | 200 | 3 1/4                         | 83  | 2 3/4                         | 70  | 16                            | 7.4   | 50        |
| 1                     | 27     | 5 3/4                         | 146 | 9                             | 229 | 3 3/4                         | 95  | 2 7/8                         | 73  | 24                            | 11.0  | 25        |
| 1-1/4                 | 35     | 7 1/4                         | 184 | 10 1/4                        | 260 | 4 1/4                         | 108 | 3                             | 76  | 35                            | 15.9  | 20        |
| 1-1/2                 | 41     | 8 1/4                         | 210 | 12                            | 305 | 5                             | 127 | 3 5/8                         | 92  | 49                            | 22.1  | 10        |
| 2                     | 53     | 9 1/2                         | 241 | 14 3/8                        | 365 | 6                             | 152 | 4 1/2                         | 114 | 100                           | 45.3  | 10        |
| 2-1/2                 | 63     | 10 1/2                        | 267 | 16 3/8                        | 416 | 6 3/4                         | 171 | 5 1/4                         | 133 | 184                           | 83.6  | 10        |
| 3                     | 78     | 13                            | 330 | 18 1/8                        | 460 | 7 7/8                         | 200 | 5 3/4                         | 146 | 281                           | 127.6 | 10        |
| 3-1/2                 | 91     | 15                            | 381 | 22 1/8                        | 562 | 9 1/8                         | 232 | 6 3/4                         | 171 | 441                           | 200.0 | 5         |
| 4                     | 103    | 16                            | 406 | 23 1/4                        | 591 | 9 5/8                         | 244 | 7                             | 178 | 554                           | 251.3 | 5         |



PullEase™ aluminum EMT Elbows are UL 797A listed and meets ANSI C80.3

Minimum requirements as per UL standards

Dimensions and weights are approximate

# AMERICAN CONDUIT

- ✓ **Nationwide Distribution**
- ✓ **+40 Years Experience**
- ✓ **Dedicated Customer Service Team**
- ✓ **Made in the USA**  
of US and global materials



○ Sales Representatives & Stocking Warehouse

● Sales Representatives

■ Main Conduit Plant

**Utilize UL labeled materials and follow code requirements.**

**PullEase™ aluminum EMT is UL 797A listed and meets ANSI C80.3**

**Fittings:** Per UL 514B both steel and die cast fittings are approved for use with aluminum EMT. See NEC 358.14 for additional information.

**Cutting:** Use your standard EMT cutting tools, and you'll get fast, easy cuts.

**Fishing:** For small sizes use only round fiberglass fish tapes. DO NOT use flat steel fish tape with PullEase. For larger sizes use polypropylene style rope.

**Bending:** Because aluminum is not as heavy as steel, there are some differences in feed and the bending pressure required from your equipment.

**Pulling:** Our patented internal ridged design means PullEase™ EMT requires less pulling force than other aluminum EMT and will feel much like traditional EMT pulls. Lubrication is not necessary with PullEase EMT.

**Costs Less:** American Conduit is a national leader in aluminum extrusion. PullEase aluminum EMT weights less than half as much as steel EMT, saving you money during handling logistics and installation.



# AMERICAN CONDUIT IS PART OF THE LARGEST ALUMINUM COMPANY IN NORTH AMERICA

- The leading producer of UL listed aluminum EMT
- Representatives nationwide
- 40+ years experience
- 20 stocking warehouses nationwide
- Nearly 1 million pounds of material in-stock  
and ready to ship

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