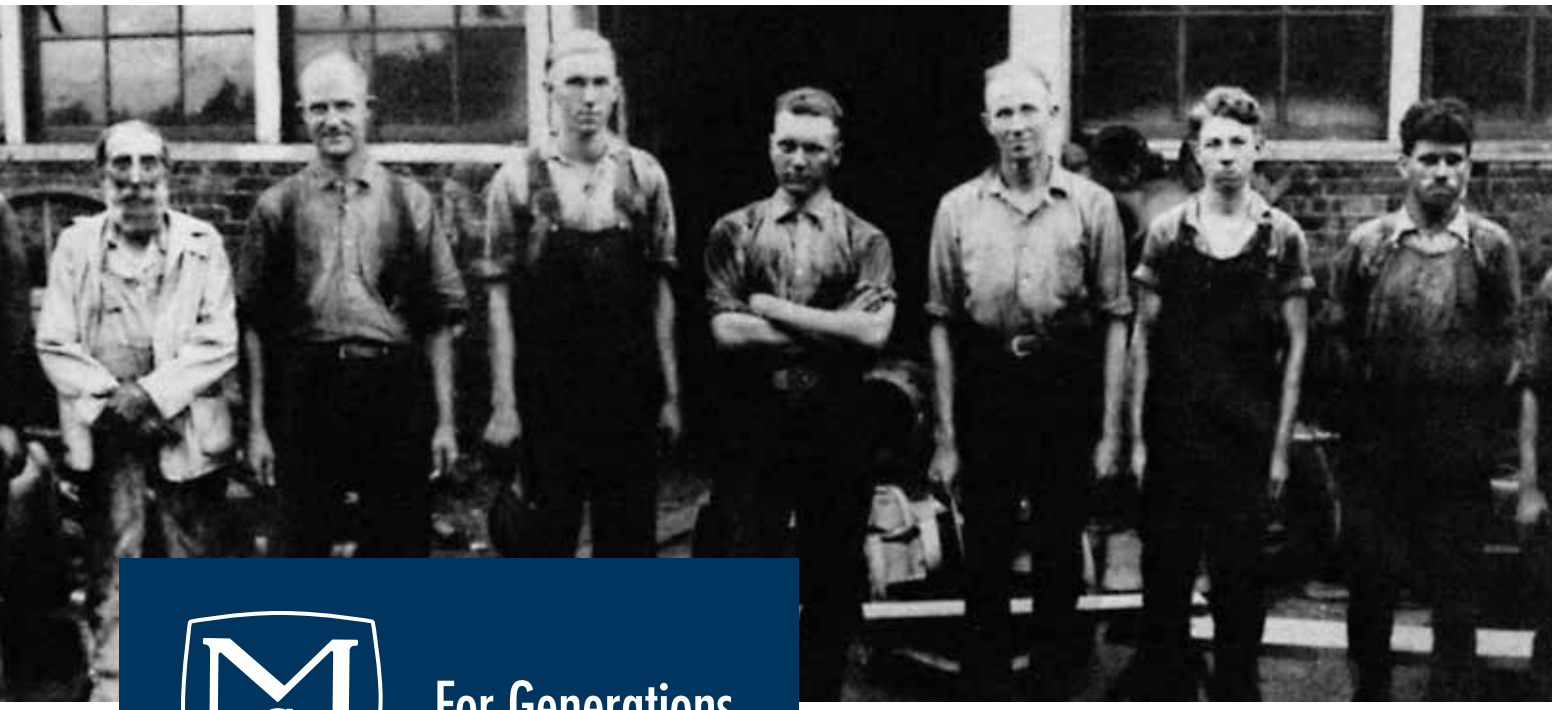
McWANE
POLES



# For Generations

**THE STORY OF McWANE POLES** comes down to this: we have taken an engineered, tested, and perfected, standard water industry product, ductile iron pipe, and stood it on its head — literally. Now, ductile iron poles are standing tall in the electrical utility industry.

Our patented manufacturing process allows for McWane Ductile Iron Poles to offer engineered strength, dimensional consistency, and natural corrosion resistance. Our poles are impervious to rot, insects, and woodpeckers and are highly fire resistant. Thanks to their lighter weight, McWane Ductile Iron Poles are also less expensive to transport and install. On top of these benefits, we offer a truly GREEN product that is made from recycled material and is 100 percent recyclable. All of this adds up to McWane Ductile Iron Poles being the best overall value in the utility pole market.

Don't just take our word for it. Since 2008, more than 300 utilities in 33 states have bought into the benefits of ductile iron poles. We have been included in RUS, FEMA, and numerous state DOT-funded projects. Give McWane Poles a try. You will join the growing list of satisfied customers.

**McWANE, INC.** — McWane Poles is a division of McWane Inc., a fourth-generation, family-owned company founded in 1921 and located in Birmingham, Alabama. The company has over 5,500 employees on five continents.

McWane has roots in the iron foundry business and has supplied much of the materials for North America's water infrastructure over the last century. The company has grown into a diversified manufacturer, offering water and waste infrastructure products, fire hydrants, fire extinguishers and fire suppression equipment, compressed gas cylinders, and machine-to-machine communication products and services.

# A GROUNDBREAKING ALTERNATIVE

## TO CONVENTIONAL UTILITY POLES

## WHY McWANE DUCTILE IRON POLES?

**LOW MAINTENANCE** — McWane ductile iron poles are completely resistant to rot, insects, and woodpeckers, so they require less maintenance than other poles.

**LOWER LIFE CYCLE COST** — With a 75 to 100-year expected service life and low maintenance requirement, McWane Poles have a lower life cycle cost than other poles.

**ENGINEERED CONSISTENCY** — McWane Poles are engineered and manufactured for consistent strength and appearance, and they will not shrink or warp over time.

**SIMPLE INSTALLATION** — McWane Poles weigh much less than wood and concrete poles and are much easier to drill than steel, concrete, and fiberglass.

**LOW ENVIRONMENTAL IMPACT** — McWane Poles are made of over 90 percent recycled material and are 100 percent recyclable, and they do not leach harmful chemicals.

# POLE FINISHES AND FEATURES

McWANE POLES

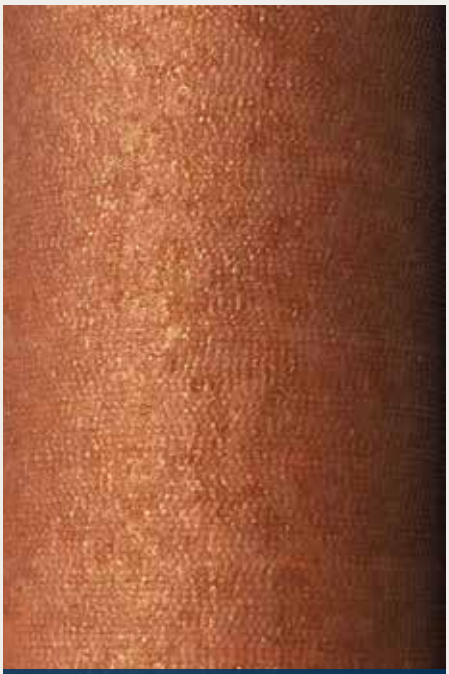
## 1 Pole Cap Options

HDPE Raptor Cap

HDPE Flat Cap


Ductile Iron Flat Cap

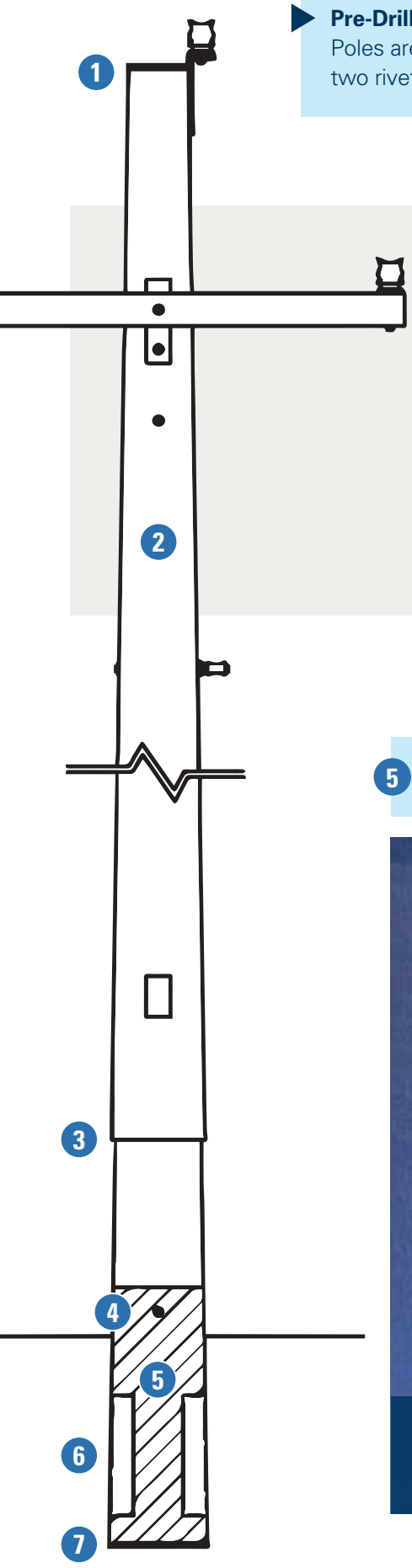
## 2 Pole Finish Options



**Weathered Finish**
Self-protecting finish

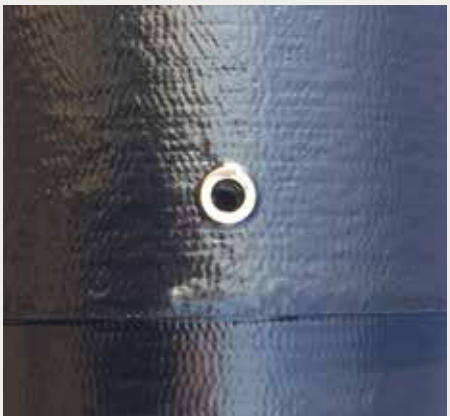
**Coated Finish**
Arc-applied zinc base coat with gray acrylic top coat

## 3 Pole Joint




**Pre-Drilled Holes:**
Poles are pre-drilled to each customer's specifications. Forty holes or twenty through holes and two rivet nuts or threaded holes are provided with each pole at no additional charge.

## Rivet Nut Ground 4



## 5 Embed Coating

**Ceramic Epoxy**
Applied internally and externally from base to 1' above ground standard

## Ground Plates 6

## Base Plate 7

# POLE SIZES AND INFORMATION

## Class 3

| Length (Ft.) | Part No. | Full Truck Qty. [2 Pcs.] | Stand. Weight (Lbs.) | Tip Dia. (In.) | Base Dia. (In.) | Allow. Tip Load (Kips) | Ground Line Capacity (Kip-Ft.) | ANSI Embed Depth (Ft.) |
|---|---|---|---|---|---|---|---|---|
| 30 | C3030 | 42 | 650 | 6.0 | 11.3 | 1.95 | 43.9 | 5.5 |
| 35 | C3035 | 42 | 786 | 6.0 | 11.9 | 1.95 | 52.7 | 6.0 |
| 40 | C3040 | 41 | 980 | 6.0 | 12.8 | 1.95 | 62.4 | 6.0 |
| 45 | C3045 | 35 | 1139 | 6.0 | 13.8 | 1.95 | 71.2 | 6.5 |
| 50 | C3050 | 31 | 1310 | 6.0 | 14.4 | 1.95 | 80.0 | 7.0 |
| 55 | C3055 | 26 | 1549 | 6.0 | 15.3 | 1.95 | 88.7 | 7.5 |
| 60 | C3060 | 23 [15] | 1737 | 6.0 | 16.3 | 1.95 | 97.5 | 8.0 |
| 65 | C3065 | 19 [12] | 1937 | 6.0 | 17.2 | 1.95 | 106.3 | 8.5 |
| 70 | C3070 | 16 [12] | 2232 | 6.0 | 17.8 | 1.95 | 115.1 | 9.0 |
| 75 | C3075 | 15 [10] | 2450 | 6.0 | 18.4 | 1.95 | 123.8 | 9.5 |
| 80 | C3080 | 13 [10] | 2680 | 6.0 | 19.4 | 1.95 | 132.6 | 10.0 |
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## Class 2

| Length (Ft.) | Part No. | Full Truck Qty. [2 Pcs.] | Stand. Weight (Lbs.) | Tip Dia. (In.) | Base Dia. (In.) | Allow. Tip Load (Kips) | Ground Line Capacity (Kip-Ft.) | ANSI Embed Depth (Ft.) |
|---|---|---|---|---|---|---|---|---|
| 30 | C2030 | 42 | 749 | 6.0 | 11.2 | 2.41 | 54.1 | 5.5 |
| 35 | C2035 | 42 | 906 | 6.0 | 11.7 | 2.41 | 64.9 | 6.0 |
| 40 | C2040 | 35 | 1137 | 6.0 | 12.7 | 2.41 | 77.0 | 6.0 |
| 45 | C2045 | 30 | 1326 | 6.0 | 13.6 | 2.41 | 87.8 | 6.5 |
| 50 | C2050 | 26 | 1530 | 6.0 | 14.6 | 2.41 | 98.6 | 7.0 |
| 55 | C2055 | 22 | 1824 | 6.0 | 15.1 | 2.41 | 109.4 | 7.5 |
| 60 | C2060 | 19 [15] | 2055 | 6.0 | 16.0 | 2.41 | 120.3 | 8.0 |
| 65 | C2065 | 16 [15] | 2302 | 6.0 | 17.0 | 2.41 | 131.1 | 8.5 |
| 70 | C2070 | 13 [12] | 2665 | 6.0 | 17.5 | 2.41 | 141.9 | 9.0 |
| 75 | C2075 | 12 [10] | 2934 | 6.0 | 18.4 | 2.41 | 152.7 | 9.5 |
| 80 | C2080 | 11 [10] | 3218 | 6.0 | 19.4 | 2.41 | 163.5 | 10.0 |
| 85 | C2085 | 10 [10] | 3644 | 6.0 | 19.8 | 2.41 | 174.4 | 10.5 |
| 90 | C2090 | 9 [8] | 3939 | 6.0 | 20.8 | 2.41 | 185.2 | 11.0 |
| 95 | C2095 | 8 [8] | 4250 | 6.0 | 21.8 | 2.41 | 196.0 | 11.5 |

## Class 1

| Length (Ft.) | Part No. | Full Truck Qty. [2 Pcs.] | Stand. Weight (Lbs.) | Tip Dia. (In.) | Base Dia. (In.) | Allow. Tip Load (Kips) | Ground Line Capacity (Kip-Ft.) | ANSI Embed Depth (Ft.) |
|---|---|---|---|---|---|---|---|---|
| 30 | C1030 | 42 | 896 | 6.0 | 11.4 | 2.93 | 65.8 | 5.5 |
| 35 | C1035 | 37 | 1083 | 6.0 | 11.7 | 2.93 | 79.0 | 6.0 |
| 40 | C1040 | 30 | 1351 | 6.0 | 12.7 | 2.93 | 93.6 | 6.0 |
| 45 | C1045 | 25 | 1571 | 6.0 | 13.6 | 2.93 | 106.8 | 6.5 |
| 50 | C1050 | 22 | 1808 | 6.0 | 14.6 | 2.93 | 119.9 | 7.0 |
| 55 | C1055 | 19 | 2140 | 6.0 | 15.1 | 2.93 | 133.1 | 7.5 |
| 60 | C1060 | 16 [15] | 2400 | 6.0 | 16.0 | 2.93 | 146.3 | 8.0 |
| 65 | C1065 | 13 [15] | 2677 | 6.0 | 17.0 | 2.93 | 159.4 | 8.5 |
| 70 | C1070 | 11 [12] | 3087 | 6.0 | 17.5 | 2.93 | 172.6 | 9.0 |
| 75 | C1075 | 10 [10] | 3389 | 6.0 | 18.4 | 2.93 | 185.7 | 9.5 |
| 80 | C1080 | 9 [10] | 3708 | 6.0 | 19.4 | 2.93 | 198.9 | 10.0 |
| 85 | C1085 | 8 [8] | 4198 | 6.0 | 19.9 | 2.93 | 212.1 | 10.5 |
| 90 | C1090 | 8 [8] | 4540 | 6.0 | 20.9 | 2.93 | 225.2 | 11.0 |
| 95 | C1095 | 7 [8] | 4901 | 6.0 | 21.9 | 2.93 | 238.4 | 11.5 |

## Class H 1

| Length (Ft.) | Part No. | Full Truck Qty. [2 Pcs.] | Stand. Weight (Lbs.) | Tip Dia. (In.) | Base Dia. (In.) | Allow. Tip Load (Kips) | Ground Line Capacity (Kip-Ft.) | ANSI Embed Depth (Ft.) |
|---|---|---|---|---|---|---|---|---|
| 30 | H1030 | 36 | 1018 | 8.7 | 14.1 | 3.51 | 79.0 | 5.5 |
| 35 | H1035 | 30 | 1204 | 8.7 | 14.5 | 3.51 | 94.8 | 6.0 |
| 40 | H1040 | 25 | 1526 | 8.7 | 15.5 | 3.51 | 112.3 | 6.0 |
| 45 | H1045 | 23 | 1763 | 8.7 | 16.5 | 3.51 | 128.1 | 6.5 |
| 50 | H1050 | 20 | 2016 | 8.7 | 17.5 | 3.51 | 143.9 | 7.0 |
| 55 | H1055 | 17 | 2380 | 8.7 | 17.9 | 3.51 | 159.7 | 7.5 |
| 60 | H1060 | 15 [8] | 2654 | 8.7 | 18.9 | 3.51 | 175.5 | 8.0 |
| 65 | H1065 | 12 [8] | 2943 | 8.7 | 19.9 | 3.51 | 191.3 | 8.5 |
| 70 | H1070 | 10 [8] | 3369 | 8.7 | 20.3 | 3.51 | 207.1 | 9.0 |
| 75 | H1075 | 10 [8] | 3672 | 8.7 | 21.3 | 3.51 | 222.9 | 9.5 |
| 80 | H1080 | 9 [8] | 3988 | 8.7 | 22.3 | 3.51 | 238.7 | 10.0 |
| 85 | H1085 | 8 [8] | 4487 | 8.7 | 22.7 | 3.51 | 254.5 | 10.5 |
| 90 | H1090 | 7 [6] | 4825 | 8.7 | 23.7 | 3.51 | 270.3 | 11.0 |
| 95 | H1095 | 7 [6] | 5177 | 8.7 | 24.7 | 3.51 | 286.1 | 11.5 |

## Class H 2

| Length (Ft.) | Part No. | Full Truck Qty. [2 Pcs.] | Stand. Weight (Lbs.) | Tip Dia. (In.) | Base Dia. (In.) | Allow. Tip Load (Kips) | Ground Line Capacity (Kip-Ft.) | ANSI Embed Depth (Ft.) |
|---|---|---|---|---|---|---|---|---|
| 30 | H2030 | 33 | 1200 | 8.7 | 14.2 | 4.16 | 93.6 | 5.5 |
| 35 | H2035 | 28 | 1416 | 8.7 | 14.5 | 4.16 | 112.3 | 6.0 |
| 40 | H2040 | 22 | 1777 | 8.7 | 15.5 | 4.16 | 133.1 | 6.0 |
| 45 | H2045 | 19 | 2043 | 8.7 | 16.5 | 4.16 | 151.8 | 6.5 |
| 50 | H2050 | 17 | 2328 | 8.7 | 17.5 | 4.16 | 170.6 | 7.0 |
| 55 | H2055 | 14 | 2738 | 8.7 | 17.9 | 4.16 | 189.3 | 7.5 |
| 60 | H2060 | 13 [8] | 3047 | 8.7 | 18.9 | 4.16 | 208.0 | 8.0 |
| 65 | H2065 | 10 [8] | 3372 | 8.7 | 19.9 | 4.16 | 226.7 | 8.5 |
| 70 | H2070 | 9 [8] | 3864 | 8.7 | 20.3 | 4.16 | 245.4 | 9.0 |
| 75 | H2075 | 8 [8] | 4216 | 8.7 | 21.3 | 4.16 | 264.2 | 9.5 |
| 80 | H2080 | 8 [8] | 4583 | 8.7 | 22.3 | 4.16 | 282.9 | 10.0 |
| 85 | H2085 | 7 [8] | 5176 | 8.7 | 22.7 | 4.16 | 301.6 | 10.5 |
| 90 | H2090 | 6 [6] | 5579 | 8.7 | 23.7 | 4.16 | 320.3 | 11.0 |
| 95 | H2095 | 6 [6] | 6000 | 8.7 | 24.8 | 4.16 | 339.0 | 11.5 |

## Class H 3

| Length (Ft.) | Part No. | Full Truck Qty. [2 Pcs.] | Stand. Weight (Lbs.) | Tip Dia. (In.) | Base Dia. (In.) | Allow. Tip Load (Kips) | Ground Line Capacity (Kip-Ft.) | ANSI Embed Depth (Ft.) |
|---|---|---|---|---|---|---|---|---|
| 30 | H3030 | 30 | 1330 | 8.7 | 14.2 | 4.88 | 109.7 | 5.5 |
| 35 | H3035 | 25 | 1570 | 8.7 | 14.5 | 4.88 | 131.6 | 6.0 |
| 40 | H3040 | 20 | 1971 | 8.7 | 15.5 | 4.88 | 156.0 | 6.0 |
| 45 | H3045 | 17 | 2267 | 8.7 | 16.5 | 4.88 | 177.9 | 6.5 |
| 50 | H3050 | 15 | 2584 | 8.7 | 17.5 | 4.88 | 199.9 | 7.0 |
| 55 | H3055 | 13 | 3039 | 8.7 | 17.9 | 4.88 | 221.8 | 7.5 |
| 60 | H3060 | 12 [8] | 3381 | 8.7 | 18.9 | 4.88 | 243.8 | 8.0 |
| 65 | H3065 | 9 [8] | 3743 | 8.7 | 19.9 | 4.88 | 265.7 | 8.5 |
| 70 | H3070 | 8 [8] | 4290 | 8.7 | 20.3 | 4.88 | 287.6 | 9.0 |
| 75 | H3075 | 7 [8] | 4680 | 8.7 | 21.3 | 4.88 | 309.6 | 9.5 |
| 80 | H3080 | 7 [8] | 5088 | 8.7 | 22.3 | 4.88 | 331.5 | 10.0 |
| 85 | H3085 | 6 [8] | 5734 | 8.7 | 22.7 | 4.88 | 353.4 | 10.5 |
| 90 | H3090 | 5 [6] | 6169 | 8.7 | 23.7 | 4.88 | 375.4 | 11.0 |
| 95 | H3095 | 5 [6] | 6624 | 8.7 | 24.8 | 4.88 | 397.3 | 11.5 |

## Class H 4

| Length (Ft.) | Part No. | Full Truck Qty. [2 Pcs.] | Stand. Weight (Lbs.) | Tip Dia. (In.) | Base Dia. (In.) | Allow. Tip Load (Kips) | Ground Line Capacity (Kip-Ft.) | ANSI Embed Depth (Ft.) |
|---|---|---|---|---|---|---|---|---|
| 30 | H4030 | 20 | 1506 | 11.4 | 16.9 | 5.66 | 127.2 | 5.5 |
| 35 | H4035 | 20 | 1743 | 11.4 | 17.2 | 5.66 | 152.7 | 6.0 |
| 40 | H4040 | 18 | 2210 | 11.4 | 18.2 | 5.66 | 181.0 | 6.0 |
| 45 | H4045 | 16 | 2523 | 11.4 | 19.2 | 5.66 | 206.4 | 6.5 |
| 50 | H4050 | 14 | 2855 | 11.4 | 20.3 | 5.66 | 231.9 | 7.0 |
| 55 | H4055 | 12 | 3349 | 11.4 | 20.6 | 5.66 | 257.3 | 7.5 |
| 60 | H4060 | 11 [8] | 3704 | 11.4 | 21.7 | 5.66 | 282.8 | 8.0 |
| 65 | H4065 | 9 [8] | 4077 | 11.4 | 22.7 | 5.66 | 308.2 | 8.5 |
| 70 | H4070 | 7 [6] | 4674 | 11.4 | 23.1 | 5.66 | 333.6 | 9.0 |
| 75 | H4075 | 7 [6] | 5081 | 11.4 | 24.1 | 5.66 | 359.1 | 9.5 |
| 80 | H4080 | 6 [6] | 5506 | 11.4 | 25.1 | 5.66 | 384.5 | 10.0 |
| 85 | H4085 | 5 [6] | 6214 | 11.4 | 25.5 | 5.66 | 410.0 | 10.5 |
| 90 | H4090 | 5 [6] | 6676 | 11.4 | 26.5 | 5.66 | 435.4 | 11.0 |
| 95 | H4095 | 5 [6] | 7158 | 11.4 | 27.5 | 5.66 | 460.9 | 11.5 |

## Class H 5

| Length (Ft.) | Part No. | Full Truck Qty. [2 Pcs.] | Stand. Weight (Lbs.) | Tip Dia. (In.) | Base Dia. (In.) | Allow. Tip Load (Kips) | Ground Line Capacity (Kip-Ft.) | ANSI Embed Depth (Ft.) |
|---|---|---|---|---|---|---|---|---|
| 30 | H5030 | 20 | 1506 | 11.4 | 16.9 | 6.50 | 146.3 | 5.5 |
| 35 | H5035 | 20 | 1743 | 11.4 | 17.2 | 6.50 | 175.5 | 6.0 |
| 40 | H5040 | 18 | 2262 | 11.4 | 18.2 | 6.50 | 208.0 | 6.0 |
| 45 | H5045 | 15 | 2609 | 11.4 | 19.2 | 6.50 | 237.3 | 6.5 |
| 50 | H5050 | 13 | 2978 | 11.4 | 20.3 | 6.50 | 266.5 | 7.0 |
| 55 | H5055 | 11 | 3527 | 11.4 | 20.6 | 6.50 | 295.8 | 7.5 |
| 60 | H5060 | 10 [8] | 3921 | 11.4 | 21.7 | 6.50 | 325.0 | 8.0 |
| 65 | H5065 | 8 [8] | 4335 | 11.4 | 22.7 | 6.50 | 354.3 | 8.5 |
| 70 | H5070 | 7 [6] | 5029 | 11.4 | 23.1 | 6.50 | 383.5 | 9.0 |
| 75 | H5075 | 6 [6] | 5501 | 11.4 | 24.1 | 6.50 | 412.8 | 9.5 |
| 80 | H5080 | 6 [6] | 5996 | 11.4 | 25.1 | 6.50 | 442.0 | 10.0 |
| 85 | H5085 | 5 [6] | 6817 | 11.4 | 25.5 | 6.50 | 471.3 | 10.5 |
| 90 | H5090 | 5 [6] | 7351 | 11.4 | 26.5 | 6.50 | 500.5 | 11.0 |
| 95 | H5095 | 4 [5] | 7909 | 11.4 | 27.5 | 6.50 | 529.8 | 11.5 |

## Class H 6

| Length (Ft.) | Part No. | Full Truck Qty. [2 Pcs.] | Stand. Weight (Lbs.) | Tip Dia. (In.) | Base Dia. (In.) | Allow. Tip Load (Kips) | Ground Line Capacity (Kip-Ft.) | ANSI Embed Depth (Ft.) |
|---|---|---|---|---|---|---|---|---|
| 30 | H6030 | 16 | 1616 | 14.0 | 19.5 | 7.41 | 166.7 | 5.5 |
| 35 | H6035 | 16 | 1839 | 14.0 | 19.9 | 7.41 | 200.1 | 6.0 |
| 40 | H6040 | 16 | 2419 | 14.0 | 20.9 | 7.41 | 237.1 | 6.0 |
| 45 | H6045 | 14 | 2778 | 14.0 | 21.9 | 7.41 | 270.5 | 6.5 |
| 50 | H6050 | 13 | 3097 | 14.0 | 22.3 | 7.41 | 303.8 | 7.0 |
| 55 | H6055 | 10 | 3810 | 14.0 | 23.3 | 7.41 | 337.2 | 7.5 |
| 60 | H6060 | 9 [6] | 4254 | 14.0 | 24.3 | 7.41 | 370.5 | 8.0 |
| 65 | H6065 | 7 [6] | 4662 | 14.0 | 24.7 | 7.41 | 403.8 | 8.5 |
| 70 | H6070 | 6 [6] | 5426 | 14.0 | 25.7 | 7.41 | 437.2 | 9.0 |
| 75 | H6075 | 6 [6] | 5893 | 14.0 | 26.7 | 7.41 | 470.5 | 9.5 |
| 80 | H6080 | 5 [6] | 6387 | 14.0 | 27.1 | 7.41 | 503.9 | 10.0 |
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## Class H 7

| Length (Ft.) | Part No. | Full Truck Qty. [2 Pcs.] | Stand. Weight (Lbs.) | Tip Dia. (In.) | Base Dia. (In.) | Allow. Tip Load (Kips) | Ground Line Capacity (Kip-Ft.) | ANSI Embed Depth (Ft.) |
|---|---|---|---|---|---|---|---|---|
| 30 | H7030 | 16 | 1616 | 14.0 | 19.5 | 8.39 | 188.7 | 5.5 |
| 35 | H7035 | 16 | 1839 | 14.0 | 19.9 | 8.39 | 226.4 | 6.0 |
| 40 | H7040 | 16 | 2484 | 14.0 | 20.9 | 8.39 | 268.3 | 6.0 |
| 45 | H7045 | 14 | 2883 | 14.0 | 21.9 | 8.39 | 306.1 | 6.5 |
| 50 | H7050 | 12 | 3236 | 14.0 | 22.3 | 8.39 | 343.8 | 7.0 |
| 55 | H7055 | 10 | 3949 | 14.0 | 23.3 | 8.39 | 381.5 | 7.5 |
| 60 | H7060 | 9 [6] | 4394 | 14.0 | 24.3 | 8.39 | 419.3 | 8.0 |
| 65 | H7065 | 7 [6] | 4802 | 14.0 | 24.7 | 8.39 | 457.0 | 8.5 |
| 70 | H7070 | 6 [6] | 5687 | 14.0 | 25.7 | 8.39 | 494.7 | 9.0 |
| 75 | H7075 | 5 [6] | 6227 | 14.0 | 26.7 | 8.39 | 532.4 | 9.5 |
| 80 | H7080 | 5 [6] | 6722 | 14.0 | 27.1 | 8.39 | 570.2 | 10.0 |
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## Class H 8

| Length (Ft.) | Part No. | Full Truck Qty. [2 Pcs.] | Stand. Weight (Lbs.) | Tip Dia. (In.) | Base Dia. (In.) | Allow. Tip Load (Kips) | Ground Line Capacity (Kip-Ft.) | ANSI Embed Depth (Ft.) |
|---|---|---|---|---|---|---|---|---|
| 30 | H8030 | 16 | 1711 | 14.0 | 19.5 | 9.43 | 212.1 | 5.5 |
| 35 | H8035 | 16 | 1962 | 14.0 | 19.9 | 9.43 | 254.5 | 6.0 |
| 40 | H8040 | 15 | 2655 | 14.0 | 20.9 | 9.43 | 301.6 | 6.0 |
| 45 | H8045 | 13 | 3083 | 14.0 | 21.9 | 9.43 | 344.0 | 6.5 |
| 50 | H8050 | 11 | 3464 | 14.0 | 22.3 | 9.43 | 386.4 | 7.0 |
| 55 | H8055 | 9 | 4230 | 14.0 | 23.3 | 9.43 | 428.8 | 7.5 |
| 60 | H8060 | 8 [6] | 4708 | 14.0 | 24.3 | 9.43 | 471.3 | 8.0 |
| 65 | H8065 | 7 [6] | 5146 | 14.0 | 24.7 | 9.43 | 513.7 | 8.5 |
| 70 | H8070 | 6 [6] | 6032 | 14.0 | 25.7 | 9.43 | 556.1 | 9.0 |
| 75 | H8075 | 5 [6] | 6572 | 14.0 | 26.7 | 9.43 | 598.5 | 9.5 |
| 80 | H8080 | 5 [6] | 7066 | 14.0 | 27.1 | 9.43 | 640.9 | 10.0 |

## Class H 9

| Length (Ft.) | Part No. | Full Truck Qty. [2 Pcs.] | Stand. Weight (Lbs.) | Tip Dia. (In.) | Base Dia. (In.) | Allow. Tip Load (Kips) | Ground Line Capacity (Kip-Ft.) | ANSI Embed Depth (Ft.) |
|---|---|---|---|---|---|---|---|---|
| 30 | H9030 | 16 | 2004 | 16.5 | 22.1 | 10.53 | 236.9 | 5.5 |
| 35 | H9035 | 16 | 2265 | 16.5 | 22.4 | 10.53 | 284.3 | 6.0 |
| 40 | H9040 | 13 | 3046 | 16.5 | 23.5 | 10.53 | 337.0 | 6.0 |
| 45 | H9045 | 11 | 3493 | 16.5 | 24.5 | 10.53 | 384.3 | 6.5 |
| 50 | H9050 | 9 | 4373 | 16.5 | 24.9 | 10.53 | 431.7 | 7.0 |
| 55 | H9055 | 9 | 4530 | 16.5 | 25.9 | 10.53 | 479.1 | 7.5 |
| 60 | H9060 | 8 [6] | 5008 | 16.5 | 26.9 | 10.53 | 526.5 | 8.0 |
| 65 | H9065 | 6 [6] | 5492 | 16.5 | 27.6 | 10.53 | 573.9 | 8.5 |
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* Class poles are designed to wood pole equivalency, NESC Grade B construction.
* Unpublished pole sizes are available upon request. Please contact your local McWane Poles Regional Sales Manager or manufacturers' representative for more information.
* Product Patent Information: US Patent Nos. 8,186,421; 8,302,368; D629,531; and D617,471

# McWANE POLES

## IDEAL FOR THESE APPLICATIONS AND MANY MORE

Coastal Environment

System Hardening

Switch Poles

115 kV Fire Damage Rebuild

Lighting Poles

Did you know that our ceramic epoxy embed coating is designed for corrosive environments? This ductile iron coating has an unmatched performance record in highly corrosive environments for over thirty years.

161 kV H-Frame

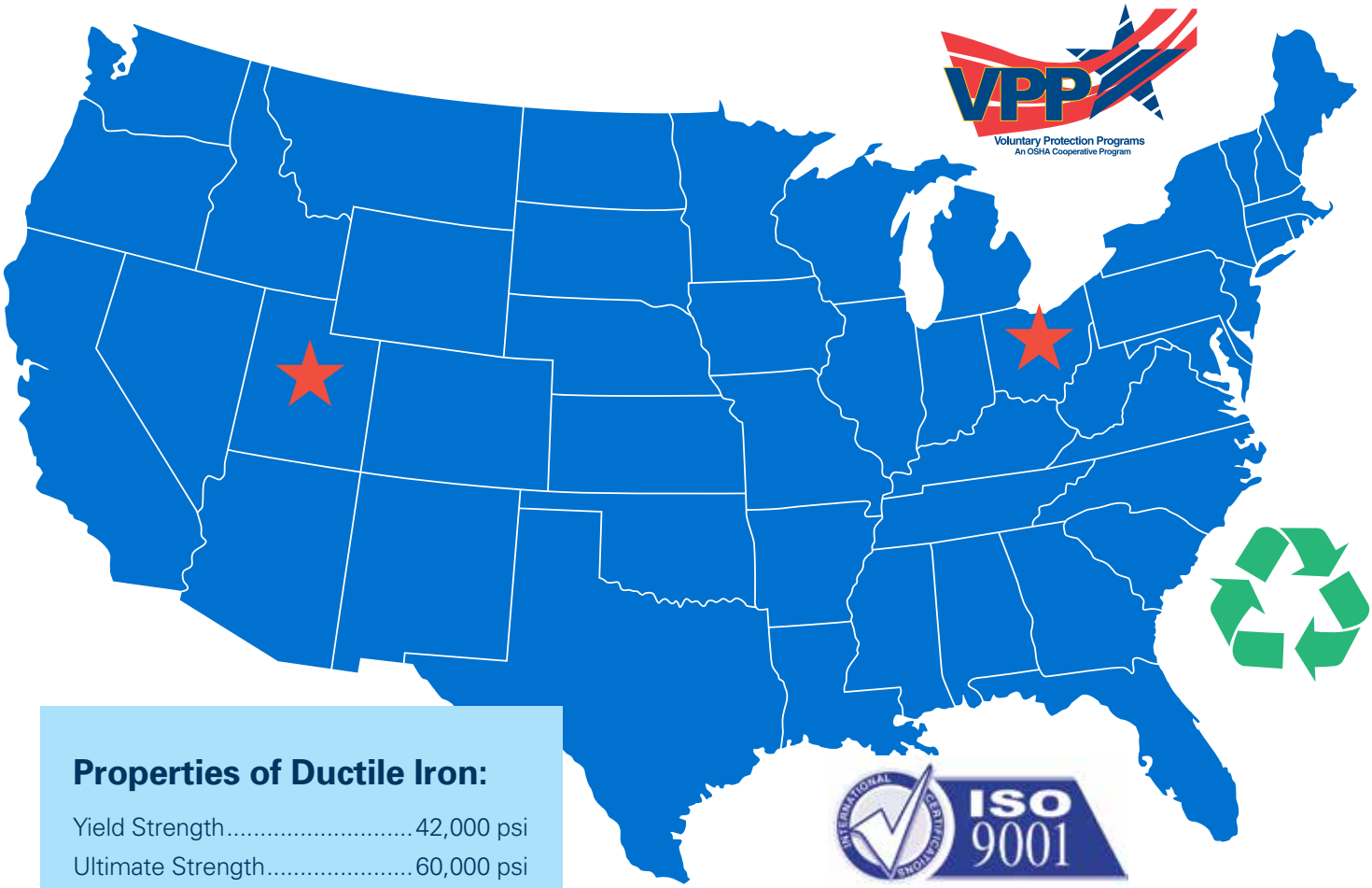
Substation Transitions

Asset/Equipment Poles

Self-Supporting Poles

# MADE IN THE USA

## IN PROVO, UTAH AND COSHOCTON, OHIO.



### Properties of Ductile Iron:

| | |
|---|---|
| Yield Strength | 42,000 psi |
| Ultimate Strength | 60,000 psi |
| Modulus of Elasticity | 24,000 ksi |
| Minimum Elongation | 10% |

### Testing Information:

NEETRAC destructive testing verified McWane's patented ductile iron poles meet and exceed load requirements.

AEP Dolan Lab's conductivity testing on a 45' pole resulted in approximately 2,000 micro-ohms impedance — equivalent to the resistance of a 4/0 copper ground.

### Recommended Drill Bit Information:

**Milwaukee Tool Part Nos.**

- 3/8" Quick-Change Arbor ..... 49-57-0035
- 11/16" Hole Saw Cutter ..... 49-57-8201
- 13/16" Hole Saw Cutter ..... 49-57-8205
- Pilot Bit (replacement) ..... 49-57-0038

# READ WHAT OUR CUSTOMERS ARE SAYING

## BEST SOLUTION

"…Ductile iron poles offer a unique combination of high value, incredible strength, light weight, durability, and flexibility…and they will not deteriorate like wood and concrete…they are more cost effective and do a better job than anything else the utility has come across. FKEC expects them to last a long, long time."

– Keith Kropf, PE — Director of Engineering at Florida Keys Electric Coop. Assoc.

## EASY TO INSTALL

"…McWane Poles are much easier to work with. Only my two biggest line trucks can install concrete poles. This causes a backlog of work for pole installations. With McWane Poles, every line truck can perform an installation."

– Zane Howard, PE — Engineering Systems at Knoxville Utilities Board

## MORE RELIABLE

"Our guys are singing praises of this pole. All the insulators were stripped off the pole…I don't believe any other pole we use in this application would have survived undamaged like this one [after a large hickory tree fell on power lines, breaking wood poles on either side of a McWane pole]."

– Bart Borden — VP of Operations at Cleveland Utilities

## THEY JUST WORK

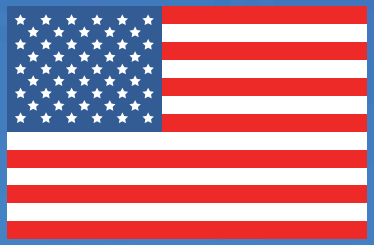
"They just work…They did exactly what they were designed to do — stop the domino effect. [After a winter storms took down 1,400 wood poles. No ductile iron or wood poles failed in the sections of line hardened with McWane Poles]."

- Reed Emerson, Cimarron Electric Cooperative's Senior Vice President of Engineering and Operations

| Tip Load, Minimum Capacity, Kips Applied 2 Feet below Tip | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LENGTH | CLASS 3 | CLASS 2 | CLASS 1 | H1 | H2 | H3 | H4 | H5 | H6 | H7 | H8 | H9 |
| ALL | 1.95 | 2.41 | 2.93 | 3.51 | 4.16 | 4.88 | 5.66 | 6.50 | 7.41 | 8.39 | 9.43 | 10.53 |

| Bending Moment, Minimum Capacity, Kip-Feet at Ground Line* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LENGTH | CLASS 3 | CLASS 2 | CLASS 1 | H1 | H2 | H3 | H4 | H5 | H6 | H7 | H8 | H9 |
| 30 | 43.9 | 54.1 | 65.8 | 79.0 | 93.6 | 109.7 | 127.2 | 146.3 | 166.7 | 188.7 | 212.1 | 236.9 |
| 35 | 52.7 | 64.9 | 79.0 | 94.8 | 112.3 | 131.6 | 152.7 | 175.5 | 200.1 | 226.4 | 254.5 | 284.3 |
| 40 | 62.4 | 77.0 | 93.6 | 112.3 | 133.1 | 156.0 | 181.0 | 208.0 | 237.1 | 268.3 | 301.6 | 337.0 |
| 45 | 71.2 | 87.8 | 106.8 | 128.1 | 151.8 | 177.9 | 206.4 | 237.3 | 270.5 | 306.1 | 344.0 | 384.3 |
| 50 | 80.0 | 98.6 | 119.9 | 143.9 | 170.6 | 199.9 | 231.9 | 266.5 | 303.8 | 343.8 | 386.4 | 431.7 |
| 55 | 88.7 | 109.4 | 133.1 | 159.7 | 189.3 | 221.8 | 257.3 | 295.8 | 337.2 | 381.5 | 428.8 | 479.1 |
| 60 | 97.5 | 120.3 | 146.3 | 175.5 | 208.0 | 243.8 | 282.8 | 325.0 | 370.5 | 419.3 | 471.3 | 526.5 |
| 65 | 106.3 | 131.1 | 159.4 | 191.3 | 226.7 | 265.7 | 308.2 | 354.3 | 403.8 | 457.0 | 513.7 | 573.9 |
| 70 | 115.1 | 141.9 | 172.6 | 207.1 | 245.4 | 287.6 | 333.6 | 383.5 | 437.2 | 494.7 | 556.1 | * |
| 75 | 123.8 | 152.7 | 185.7 | 222.9 | 264.2 | 309.6 | 359.1 | 412.8 | 470.5 | 532.4 | 598.5 | * |
| 80 | 132.6 | 163.5 | 198.9 | 238.7 | 282.9 | 331.5 | 384.5 | 442.0 | 503.9 | 570.2 | 640.9 | * |
| 85 | * | 174.4 | 212.1 | 254.5 | 301.6 | 353.4 | 410.0 | 471.3 | * | * | * | * |
| 90 | * | 185.2 | 225.2 | 270.3 | 320.3 | 375.4 | 435.4 | 500.5 | * | * | * | * |
| 95 | * | 196.0 | 238.4 | 286.1 | 339.0 | 397.3 | 460.9 | 529.8 | * | * | * | * |

McWANE POLES



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