



MODERN
INFRASTRUCTURE
MADE IN AMERICA

ELECTRICAL DIVISION
Product One-Sheets

JUNE 2026



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**MODERN
INFRASTRUCTURE**
MADE IN AMERICA

LEADING PVC, PE & ABS PIPE MANUFACTURER IN THE WORLD

- Enough pipe produced annually to circle the globe 12 times.
- In business since 1982, under consistent family ownership.
- Workforce of over 1,200 employees and revenue exceeding \$2 billion.
- 17 manufacturing plants in the U.S., plus 2 strategically located distribution centers.
- A 100-truck fleet and Ascending Eagle ensure fast, reliable shipments—delivered by the people who make the pipe.
- Combines advanced product technology with state-of-the-art automation to ensure industry-leading quality.

ONE STOP SHOP

We are the only plastic pipe manufacturer that makes everything

- Average Plant Manager tenure is 24 years.
- Offers every type of plastic pipe from PVC, to PE, to ABS.
- Widest range of high-grade, high-performance plastic pipes in the industry.
- Strength lies in both product diversity and a skilled, diverse workforce nationwide.

Our Partnership

- Meets evolving market needs to stay competitive in plumbing, electrical, and infrastructure sectors.
- Supports American jobs and local economies through domestic production and distribution.
- Committed to delivering life's essentials with eco-friendly, reliable pipe products that support health and quality of life worldwide.



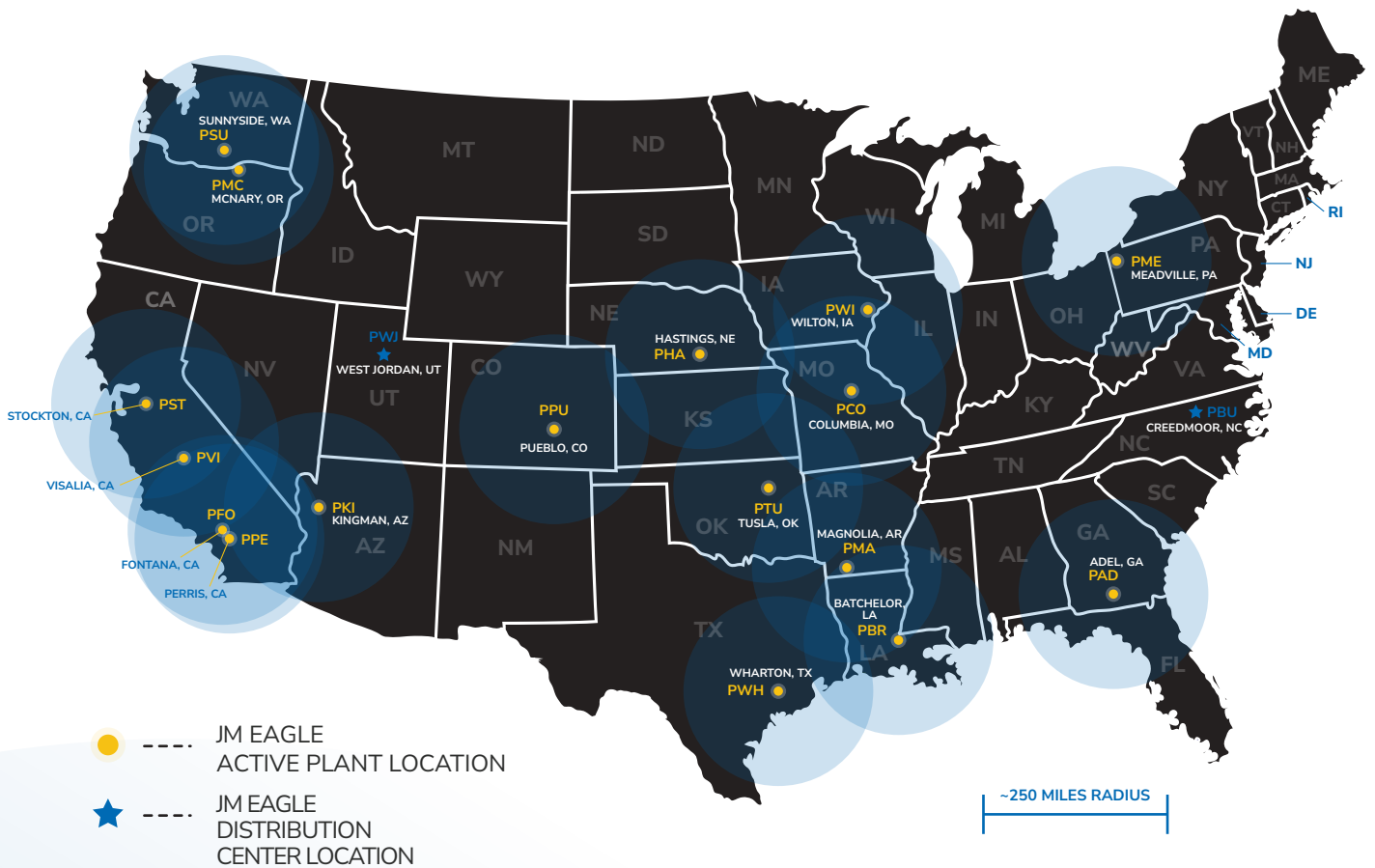
SCAN HERE ▶
TO EXPLORE JM EAGLE





MODERN
INFRASTRUCTURE
MADE IN AMERICA

STRATEGIC MANUFACTURING LOCATIONS





THE INVISIBLE BACKBONE

of Modern Infrastructure



1 AGRICULTURE

Sustaining Growth at Scale

Advanced water transport and irrigation systems enabling efficient farming, crop health, and long-term land productivity.

2 HOUSING DEVELOPMENTS

Connected Communities Start Underground

Reliable pipe networks deliver clean water, safe gas distribution, and protected electrical pathways to homes and neighborhoods.

3 PARKS, GARDENS, AND GOLF COURSES

Reliable Irrigation, Healthier Landscapes

Durable piping systems support efficient sprinkler networks, helping maintain consistent water delivery across fairways, greens, and landscaped areas.

4 STREET & ROAD PROJECTS

Federal and City Infrastructure

Durable water, gas, and electrical conduit systems powering transportation corridors, public utilities, and essential municipal services beneath every mile of roadway.

5 OFFICE BUILDINGS

Infrastructure That Keeps Business Moving

High-performance piping systems supporting building utilities, climate systems, power delivery, and daily operations.

6 ICONIC VENUES & MEGA STRUCTURES

SoFi Stadium & Sphere Arena

World-class destinations depend on world-class infrastructure-JM Eagle systems support the utilities behind landmark entertainment and sports venues.

7 DATA CENTERS

Critical Systems. Zero Compromise

Precision-engineered piping protects power, cooling, and utility infrastructure that keeps the digital world online 24/7.

8 MANUFACTURING

Built for Industrial Performance

Heavy-duty pipe solutions engineered for demanding environments, supporting process systems, utilities, and plant operations.

9 WIND & SOLAR ENERGY

Supporting Renewable Power Generation

Robust conduit and utility piping systems connecting turbines and solar arrays to the grid and protecting critical energy infrastructure.



THE INTERSECTION OF EXCELLENCE

LARGEST SELECTION

The only manufacturer offering every type of plastic pipe, from PVC, PE to ABS, serving diverse needs.



BEST VALUE

Innovative high-quality products, sustainably manufactured and offered at competitive prices.

SERVICE

Reliable, on-time delivery backed by Ascending Eagle Trucks and a focus on service, reliability, and consistency. Clear communication and reliable, consistent product stocks create a customer-first approach.



TEAM



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ELECTRICAL MEDIA

WELCOME TO JM EAGLE'S PERRIS, CA PLANT



JM Eagle



SCAN HERE TO WATCH PERRIS FILM

OREGON IS BUILDING
THE FUTURE OF AMERICA'S — MODERN INFRASTRUCTURE



McNary Plant
UMATILLA, OH

JM Eagle



SCAN HERE TO WATCH MCNARY FILM

JM EAGLE LA WILDFIRE RELIEF



JM Eagle

2025



SCAN HERE TO WATCH OUR WILDFIRE RELIEF FILM

WHO WE ARE



JM Eagle



SCAN HERE TO WATCH CORPORATE FILM

A YEAR

IN THE LIFE OF JM EAGLE
Making an Impact



JM Eagle



SCAN HERE TO WATCH OUR IMPACT

THE JM EAGLE LA CHAMPIONSHIP
SOCAL'S PREMIERE LPGA EVENT



JM Eagle

Sports



SCAN HERE TO WATCH OUR LPGA FILM



ELECTRICAL DIVISION

ELECTRICAL CONDUIT SCH SERIES SOLID / PROCORE™ (CELLULAR CORE)

PVC ELECTRICAL CONDUIT
(SCH40 & SCH80)

[Product One Sheet >](#)

Electrical Conduit

SCHEDULE SERIES
SOLID/PROCORE™ (CELLULAR CORE)



MADE IN AMERICA

PVC ELECTRICAL CONDUIT (SCH40 & SCH80)



NEMA TC-2, ANSI/UL651
CSA C22.2 No.211.2, NSF UL651

MARKETS



TELECOM



ELECTRICAL SYSTEM



DOT

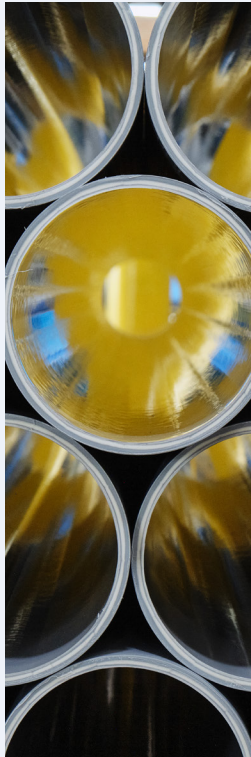


POWER



RENEWABLE ENERGY

DESCRIPTION



SOLID CORE

Nominal Laying Length:

10/20 feet

(Laying length tolerances are in accordance with approval standards)

PIPE SIZES

1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 3 1/2", 4", 5", 6", 8"

PIPE COLOR

GREY

PROCORE™ (CELLULAR CORE)

Nominal Laying Length:

10/20 feet

(Laying length tolerances are in accordance with approval standards)

PIPE SIZES

1 1/2", 2", 3", 4", 6"

PIPE COLOR

GREY

NEMA TC-2 / UL651

Schedule 40

Schedule 80

CSA C22.2 No.211.2

Schedule 40

NEMA TC-2

Schedule 40



BENEFITS

INSTALLATION

- Lightweight, great for manual installation.
- Field-cut with a power saw or handsaw; bevel without complicated machinery.
- Does not need lining, wrapping, coating, or cathodic protection to prevent galvanic corrosion.

FEATURES

- Unaffected by corrosive elements, sewer gas, sulfuric acid, alkaline, or acidic soils.
- Structurally sound joints provide a rigid connection.
- Smooth wall interior allows for easy pull through for wires.



SUBMITTAL AND DATA SHEET

SCHEDULE 40 & 80 CONDUIT

| PIPE SIZE (IN) | AVG. O.D. (IN) | NOM I.D. (IN) | MIN. T. (IN) | PIPE STIFFNESS (PSI) | NOM I.D. (IN) | MIN. T. (IN) | PIPE STIFFNESS (PSI) |
|---------------------|----------------|---------------|--------------|----------------------|---------------|--------------|----------------------|
| Schedule 40 CONDUIT | | | | Schedule 80 CONDUIT | | | |
| 1/2 | 0.840 | 0.611 | 0.109 | 5923 | 0.531 | 0.147 | 17053 |
| 3/4 | 1.050 | 0.813 | 0.113 | 3134 | 0.727 | 0.154 | 9072 |
| 1 | 1.315 | 1.036 | 0.133 | 2545 | 0.939 | 0.179 | 6990 |
| 1 1/4 | 1.660 | 1.366 | 0.140 | 1396 | 1.259 | 0.191 | 3927 |
| 1 1/2 | 1.900 | 1.596 | 0.145 | 1008 | 1.480 | 0.200 | 2909 |
| 2 | 2.375 | 2.052 | 0.154 | 596 | 1.917 | 0.218 | 1844 |
| 2 1/2 | 2.875 | 2.449 | 0.203 | 783 | 2.295 | 0.276 | 2140 |
| 3 | 3.500 | 3.046 | 0.216 | 508 | 2.870 | 0.300 | 1472 |
| 3 1/2 | 4.000 | 3.525 | 0.226 | 384 | 3.332 | 0.318 | 1151 |
| 4 | 4.500 | 4.002 | 0.237 | 307 | 3.792 | 0.337 | 948 |
| 5 | 5.563 | 5.021 | 0.258 | 206 | 4.776 | 0.375 | 675 |
| 6 | 6.605 | 6.037 | 0.280 | 154 | 5.718 | 0.432 | 606 |
| 8 | 8.625 | 7.949 | 0.322 | 104 | 7.575 | 0.500 | 416 |

PRODUCT STANDARD

NEMA TC-2
CSA C22.2 No.211.2
(Schedule 40 only)

INSTALLATION

JM Eagle™ Electrical
Conduit Installation Guide.

CERTIFICATION

CSA C22.2 No.211.2
(Schedule 40 only)

PIPE END OPTION

Bell End

NOMINAL LAYING LENGTH

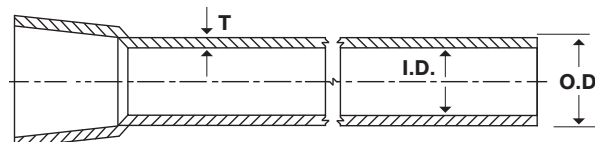
10/20 feet

(Laying length tolerances are in accordance with approval standards.)

Rated for 90° C Conductor

CSA items are listed for 75° C conductor

JM Eagle adds jobsite confidence with two standard features on 20-ft sections of conduit in Sch 40 & Sch 80: an easy-read insertion mark on 3"-6", and a precision 33° (+-) inside-diameter chamfer on plain ends 1.25" and larger—engineered to help protect conductors during pulls and reduce installation rework.



T - Wall Thickness

I.D. - Inside Diameter

O.D. - Outside Diameter



SUBMITTAL AND DATA SHEET

PROCORE™ (CELLULAR CORE) CONDUIT (SCH40)

| PIPE SIZE (IN) | AVG. O.D. (IN) | NOM. I.D. (IN) | MIN. T. (IN) | PIPE STIFFNESS (PSI) |
|---|----------------|----------------|--------------|----------------------|
| PROCORE™ (CELLULAR CORE) CONDUIT (SCH40) | | | | |
| 1½ | 1.900 | 1.595 | 0.145 | 600 |
| 2 | 2.375 | 2.051 | 0.154 | 300 |
| 3 | 3.500 | 3.046 | 0.216 | 300 |
| 4 | 4.500 | 4.002 | 0.237 | 200 |
| 6 | 6.625 | 6.037 | 0.280 | 120 |

PRODUCT STANDARD

NEMA TC-2

CERTIFICATION

NSF UL651

NOMINAL LAYING LENGTH

10/20 feet

(Laying length tolerances are in accordance with approval standards.)

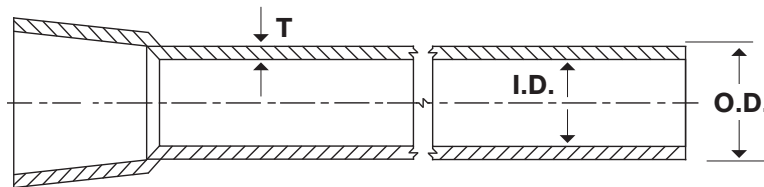
INSTALLATION

JM Eagle™ Electrical Conduit Installation Guide.

PIPE END OPTION

Bell End

Rated for 90° C conductor



T - Wall Thickness

I.D. - Inside Diameter

O.D. - Outside Diameter





INDUSTRY EXCLUSIVE

THE ONLY MANUFACTURER THAT PRODUCES 8", 10", AND 12"
SCHEDULE 40 PVC CONDUIT WITH NSF CERTIFICATION.



LARGE DIAMETER NSF CERTIFIED ELECTRICAL CONDUIT SCH SERIES SOLID

PVC ELECTRICAL CONDUIT

[Product One Sheet >](#)



MODERN
INFRASTRUCTURE
MADE IN AMERICA



LARGE DIAMETER NSF CERTIFIED Electrical Conduit

8", 10", 12" SCH 40



■ INDUSTRY EXCLUSIVE ■

THE ONLY MANUFACTURER THAT PRODUCES 8", 10", AND 12"
SCHEDULE 40 PVC CONDUIT
WITH SPECIAL NSF CERTIFICATION.

From power grid hardening to utility-scale solar and wind, JM Eagle's large-diameter PVC conduit delivers the quality, reliability, and compliance confidence that high-stakes projects require.

FEATURES

- Unaffected by corrosive elements, sewer gas, sulfuric acid, alkaline, or acidic soils.
- Structurally sound joints provide a rigid connection.
- Smooth wall interior allows for easy pull through for wires.
- The only conduit on the market over 6" diameter with NSF certification, specifically manufactured for large scale applications that require proof of performance.
- Meets performance, manufacturing, testing & quality standards derived from UL 651 performance targets and specifications and verified with a special NSF certification
- Independent, rigorous testing for tensile strength, impact resistance, crush resistance, and dimensional accuracy, incorporating ASTM D1785 dimensional standards.
- NSF® Electrical SE 31765 mark on each qualifying product, signifying conformance to the published criteria and in-plant quality controls — even though products above 6" cannot carry the UL 651 mark.
- Clear, defensible assurance for engineers, owners, and procurement teams that large-diameter conduit is built to recognized benchmarks.



LARGE DIAMETER NSF CERTIFIED Electrical Conduit

SCHEDULE SERIES SOLID



MADE IN AMERICA

PVC ELECTRICAL CONDUIT



NEMA TC-2,
NSF Special Engineered Conduit
SE 31765

MARKETS



TELECOM



ELECTRICAL SYSTEM



POWER



RENEWABLE ENERGY

DESCRIPTION



SOLID CORE

Nominal Laying Length:

10/20 feet

(Laying length tolerances are in accordance with approval standards)

PIPE SIZES

8", 10", 12"

PIPE COLOR

GREY

NEMA TC-2

Schedule 40

Schedule 80



BENEFITS

INSTALLATION

- Lightweight, great for manual installation.
- Field-cut with a power saw or handsaw; bevel without complicated machinery.
- Does not need lining, wrapping, coating, or cathodic protection to prevent galvanic corrosion.

FEATURES

- Unaffected by corrosive elements, sewer gas, sulfuric acid, alkaline, or acidic soils.
- Structurally sound joints provide a rigid connection.
- Smooth wall interior allows for easy pull through for wires.
- Meets or exceeds UL 651 performance targets for comparable smaller sizes—applied to large-diameter conduit.
- Independent, rigorous testing for tensile strength, impact resistance, crush resistance, and dimensional accuracy, incorporating ASTM D1785 dimensional standards.
- NSF® Electrical SE 31765 mark on each qualifying product, signifying conformance to the published criteria and in-plant quality controls—even though products above 6" cannot carry the UL 651 mark.
- Clear, defensible assurance for engineers, owners, and procurement teams that large-diameter conduit is built to recognized benchmarks.

BUILT FOR CRITICAL INFRASTRUCTURE

From power grid hardening to utility-scale solar and wind, JM Eagle's large-diameter PVC conduit delivers the quality, reliability, and compliance confidence that high-stakes projects require.



SUBMITTAL AND DATA SHEET

SCHEDULE 40 & 80 CONDUIT

| PIPE SIZE (IN) | AVG. O.D. (IN) | NOM I.D. (IN) | MIN. T. (IN) | PIPE STIFFNESS (PSI) | NOM I.D. (IN) | MIN. T. (IN) | PIPE STIFFNESS (PSI) |
|----------------|----------------|---------------|--------------|----------------------------|---------------|--------------|----------------------|
| | | | | Schedule 40 CONDUIT | | | |
| | | | | Schedule 80 CONDUIT | | | |
| 8 | 8.625 | 7.949 | 0.322 | 104 | 7.575 | 0.500 | 416 |
| 10 | 10.750 | 9.983 | 0.365 | 78 | 9.504 | 0.593 | 108 |
| 12 | 12.750 | 11.897 | 0.406 | 207 | 11.307 | 0.687 | 330 |

PRODUCT STANDARD

NEMA TC-2
SE 31765

CERTIFICATION

NSF Special Engineered File

NOMINAL LAYING LENGTH

10/20 feet

(Laying length tolerances are in accordance with approval standards.)

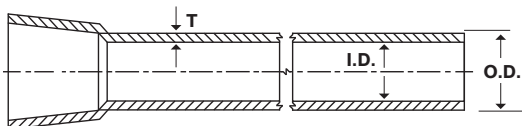
INSTALLATION

JM Eagle™ Electrical
Conduit Installation Guide.

PIPE END OPTION

Bell End

Rated for 90° C Conductor



I.D. - Inside Diameter
O.D. - Outside Diameter
T - Wall Thickness



CERTIFICATION

Our conduit line is UL651/NEMA TC-2 certified; UL does not certify electrical conduit above 6" in diameter. JM Eagle's large-diameter offerings (8–12 inches) are application-specific. JM Eagle is the only manufacturer that has NSF certification under Special Engineered Specification SE 31765. JM Eagle's Schedule 40 and Schedule 80 PVC electrical conduit in trade sizes 8", 10", and 12" will be formally recognized as meeting or exceeding the performance requirements established in UL 651 for comparable smaller trade sizes, despite UL not certifying conduit above 6".

This independent verification is based on rigorous third-party testing for tensile strength, impact resistance, crushing resistance, and dimensional compliance, incorporating ASTM D1785 dimensional standards. While the product cannot be marked as UL 651, it will bear the NSF® Electrical SE 31765 mark, signifying compliance with the documented testing criteria and in-plant quality control requirements.

For JM Eagle's customers and strategic partners, this certification provides clear, legally defensible assurance that the large-diameter conduit meets established industry performance benchmarks, offering confidence in quality, reliability, and suitability for critical infrastructure applications such as power grid, solar, and wind projects.

Note: When your project demands big conduit, the standards shouldn't shrink. While UL does not certify electrical conduit above 6" diameter, JM Eagle brings third-party assurance to large sizes. We are the only manufacturer obtaining NSF® certification under Special Engineered Specification SE 31765 for Schedule 40 and Schedule 80 PVC electrical conduit in trade sizes 8", 10", and 12"—so you get documented performance where it matters.

If your engineer or the Authority Having Jurisdiction (AHJ) requires additional verification directly from NSF, please contact your electrical account manager or any member of our electrical team, and we will coordinate the confirmation promptly.

Electrical Sales Team (310)693-8412



ELECTRICAL DIVISION

ELECTRICAL CONDUIT AND DUCT

DIRECT BURIAL (DB) & ENCASED BURIAL (EB)
TYPE C

[Product One Sheet >](#)

Electrical Conduit and Duct



MADE IN AMERICA

DIRECT BURIAL(DB) & ENCASED BURIAL(EB) TYPE C



NEMA TC-6/ TC-8, ASTM F512 (EXCEPT 1" EB-35 2 1/2" DB-120)
CELL CLASS 12254, 12164 or 12264 per ASTM D1784

MARKETS



TELECOM



ELECTRICAL SYSTEM



DOT



POWER



RENEWABLE ENERGY

DESCRIPTION



ELECTRICAL CONDUIT AND DUCT

Nominal Laying Length:

10/20 feet

(suitable for above-ground and underground installations, concrete encasements, and direct burials, as well as telephone applications.)

PIPE SIZES

1", 1 1/2", 2", 2 1/2", 3",
4", 5", 6"

PIPE COLOR

GREY

WHITE

*Only on Type C Duct

JM Eagle offers a complete line of Electrical Conduit and Power Duct pipe that includes **Encased** and **Direct Burial Conduit** (ASTM F512, NEMA TC-6 & 8; and **Type C Telephone Duct**.

The solvent-weld joints are designed to provide a rigid (or restrained) joint connection, and the schedule-rated products are specifically engineered for use in partial support systems above ground.

BENEFITS

JM Eagle Electrical Conduit and Power Duct products are lightweight, cost-effective and long-lasting.

- They can be field-cut with a power saw or ordinary handsaw without the use of expensive or complicated machinery.
- Easy to load, transport and handle, installers prefer them because they go into the ground quickly, saving installation costs.
- JM Eagle Electrical Conduit and Power Duct products are suitable for power, telephone and other electrical systems.



- They maintain performance against external galvanic soil conditions without lining wrapping, coating or cathodic protection, and offer superior dielectric strength.
- They are rated for use with 90-degree C conductors, and come with UV protection.

Electrical Conduit and Duct

DIRECT BURIAL & ENCASED BURIAL



SUBMITTAL AND DATA SHEET

| PIPE SIZE (IN) | AVG. O.D. (IN) | NOM. I.D. (IN) | MIN. T. (IN) | APPROX. WT/FT | PIPE STIFFNESS |
|--|----------------|----------------|--------------|---------------|----------------|
| TYPE DB60 (500,000 MODULUS TABLE) | | | | | |
| 2 | 2.375 | 2.249 | 0.060 | 0.310 | 60 |
| 3 | 3.500 | 3.306 | 0.092 | 0.700 | 60 |
| 4 | 4.500 | 4.245 | 0.121 | 1.184 | 60 |
| 5 | 5.563 | 5.243 | 0.152 | 1.838 | 60 |
| 6 | 6.625 | 6.242 | 0.182 | 2.621 | 60 |
| TYPE DB100 (500,000 MODULUS TABLE) | | | | | |
| 3 | 3.500 | 3.264 | 0.112 | 0.848 | 100 |
| 4 | 4.500 | 4.195 | 0.145 | 1.411 | 100 |
| 5 | 5.563 | 5.187 | 0.179 | 2.154 | 100 |
| 6 | 6.625 | 6.177 | 0.213 | 3.053 | 100 |
| TYPE DB120 (500,000 MODULUS TABLE) | | | | | |
| 1 | 1.315 | 1.189 | 0.060 | 0.168 | 120 |
| 1 1/2 | 1.900 | 1.774 | 0.065 | 0.246 | 120 |
| 2 | 2.375 | 2.213 | 0.077 | 0.395 | 120 |
| 3 | 3.500 | 3.252 | 0.118 | 0.892 | 120 |
| 4 | 4.500 | 4.176 | 0.154 | 1.496 | 120 |
| 5 | 5.563 | 5.161 | 0.191 | 2.293 | 120 |
| 6 | 6.625 | 6.148 | 0.227 | 3.246 | 120 |
| TYPE EB20 (500,000 MODULUS TABLE) | | | | | |
| 2 | 2.375 | 2.249 | 0.060 | - | 20 |
| 3 | 3.500 | 3.371 | 0.061 | - | 20 |
| 4 | 4.500 | 4.327 | 0.082 | - | 20 |
| 5 | 5.563 | 5.346 | 0.103 | - | 20 |
| 6 | 6.625 | 6.362 | 0.125 | - | 20 |
| TYPE EB35 (500,000 MODULUS TABLE) | | | | | |
| 3 | 3.500 | 3.340 | 0.076 | - | 35 |
| 4 | 4.500 | 4.290 | 0.100 | 0.983 | 35 |
| 5 | 5.563 | 5.298 | 0.126 | 1.550 | 35 |
| 6 | 6.625 | 6.305 | 0.152 | 2.199 | 35 |
| CAO 8546 TYPE C (500,000 MODULUS TABLE) | | | | | |
| 4 | 4.350 | 4.028 | 0.153 | - | - |

Electrical Conduit and Duct

DIRECT BURIAL & ENCASED BURIAL

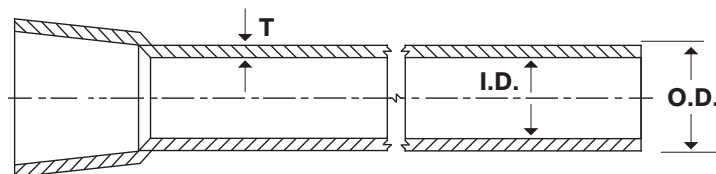


ARIZONA SUBMITTAL AND DATA SHEET

| PIPE SIZE (IN) | AVG. O.D. (IN) | NOM. I.D. (IN) | MIN. T. (IN) | APPROX. WT/FT | PIPE STIFFNESS |
|---|----------------|----------------|--------------|---------------|----------------|
| TYPE DB100 (400,000 MODULUS TABLE) (Arizona) | | | | | |
| 3 | 3.500 | 3.245 | 0.121 | - | 100 |
| 4 | 4.500 | 4.174 | 0.155 | 1.456 | 100 |
| 5 | 5.563 | 5.159 | 0.192 | 2.229 | 100 |
| 6 | 6.625 | 6.144 | 0.229 | - | 100 |
| TYPE DB120 (400,000 MODULUS TABLE) (Arizona) | | | | | |
| 1 | 1.315 | 1.189 | 0.060 | 0.162 | 120 |
| 1 1/2 | 1.900 | 1.763 | 0.065 | 0.257 | 120 |
| 2 | 2.375 | 2.200 | 0.083 | 0.411 | 120 |
| 2 1/2 | 2.875 | 2.654 | 0.105 | 0.629 | 120 |
| 3 | 3.500 | 3.233 | 0.127 | 0.932 | 120 |
| 4 | 4.500 | 4.151 | 0.166 | 1.555 | 120 |
| 5 | 5.563 | 5.132 | 0.205 | 2.375 | 120 |
| 6 | 6.625 | 6.112 | 0.244 | 3.366 | 120 |
| TYPE EB35 (400,000 MODULUS TABLE) (Arizona) | | | | | |
| 1 | 1.315 | 1.189 | 0.060 | - | 35 |
| 2 | 2.375 | 2.249 | 0.060 | - | 35 |
| 3 | 3.500 | 3.327 | 0.082 | - | 35 |
| 4 | 4.500 | 4.271 | 0.109 | - | 35 |
| 5 | 5.563 | 5.277 | 0.136 | 1.595 | 35 |
| 6 | 6.625 | 6.28 | 0.164 | - | 35 |

PRODUCT STANDARD

ASTM F512
 NEMA TC 6 & 8
 NEMA TC-10
 (TYPE C TELEPHONE DUCT)
 UL 651 (EB20 ONLY)



T - Wall Thickness I.D. - Inside Diameter O.D. - Outside Diameter





ELECTRICAL DIVISION



ELECTRICAL CONDUIT EAGLEBORE™

PVC ELECTRICAL CONDUIT

[Product One Sheet >](#)

Electrical Conduit | EagleBore™ SPLINE LOCKING



MADE IN AMERICA

PVC ELECTRICAL CONDUIT



FOLLOWS PHYSICAL REQUIREMENTS OF: UL 651

MARKETS



TELECOM



ELECTRICAL SYSTEM



POWER



RENEWABLE ENERGY

DESCRIPTION



ELECTRICAL CONDUIT EAGLEBORE SPLINE LOCKING

PIPE SIZES

PIPE COLOR

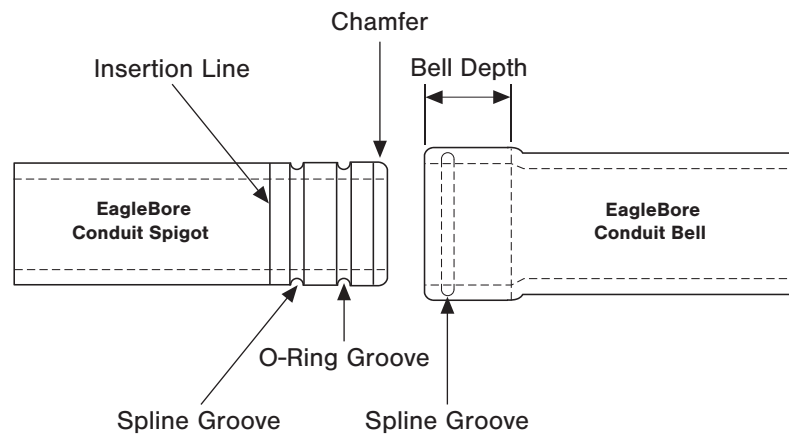
Nominal Laying Length:

20 feet

(Please call regarding manufacturing standards and specifications.)

4", 5", 6"

GREY



BENEFITS

INSTALLATION

- Lightweight, great for manual installation.
- Field-cut with a power saw or handsaw; bevel without complicated machinery.
- Does not need lining, wrapping, coating, or cathodic protection to prevent galvanic corrosion.

FEATURES

- Unaffected by corrosive elements, sewer gas, sulfuric acid, alkaline, or acidic soils.
- Structurally sound joints provide a rigid connection.
- Smooth wall interior allows for easy pull through for wires.



SUBMITTAL AND DATA SHEET

SCHEDULE 40 CONDUIT

| PIPE SIZE (IN) | AVG. O.D. (IN) | NOM. I.D. (IN) | MIN. T. (IN) | APPROX. WT/ FT | PIPE STIFFNESS (PSI) |
|----------------------------|----------------|----------------|--------------|----------------|----------------------|
| Schedule 40 Conduit | | | | | |
| 4 | 4.500 | 4.002 | 0.237 | 2.117 | 307 |
| 5 | 5.563 | 5.021 | 0.258 | 2.790 | 206 |
| 6 | 6.625 | 6.037 | 0.280 | 3.700 | 154 |

FOLLOWS PHYSICAL REQUIREMENTS OF:

UL 651

PIPE END OPTION

Bell End

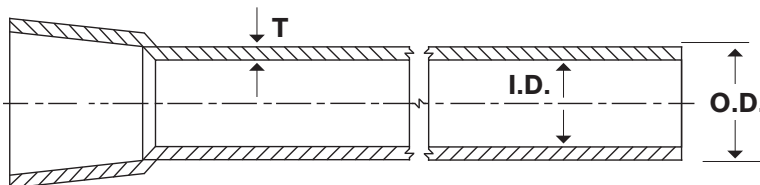
NOMINAL LAYING LENGTH

20 feet

(Please call regarding manufacturing standards and specifications)

INSTALLATION

JM Eagle™ Electrical Conduit/EagleBore™ Conduit Installation Guide.



T - Wall Thickness

I.D. - Inside Diameter

O.D. - Outside Diameter





ELECTRICAL DIVISION



HDPE CONDUIT UL651A

NON-PRESSURE-RATED CONDUIT


[Product One Sheet >](#)

HDPE Conduit | UL651A

NON-PRESSURE-RATED CONDUIT



MADE IN AMERICA

 ASTM D3350
PE 334420 C or E
UL651A

Available in 96" and 102" continuous reels with or without pull tape.
Other reel sizes available upon request.

MARKETS

 TELECOM  CATV  COMMERCIAL & INDUSTRIAL  ENERGY  ENTERPRISE

 DOT  RENEWABLE ENERGY

DESCRIPTION



| HDPE CONDUIT UL651A | PIPE COLOR |
|--|--|
| Nominal Sizes (IN): 0.5", 0.75", 1", 1.25", 1.5", 2", 3", 4", 6" | BLUE GREEN BLACK ORANGE |
| | WHITE GREY RED TERRACOTA |
| (Custom colors available upon request) | |

Installation Methods

- Electro Fusion
- Socket Fusion
- Butt Fusion
- Saddle Fusion
- Mechanical Connections



BENEFITS

INSTALLATION

- Longer pull lengths mean fewer joints for directional drilling and plowing.
- Greater flexibility allows following trench contours and avoiding underground obstacles.
- Can be installed, trenched or trenchless, including horizontal directional drilling. (HDD)

FEATURES

- Resistant to corrosive chemicals, aggressive soils and is impervious to bacteria and fungus.
- Remains ductile at low temperatures.
- Lightweight.
- Proudly Made in Kingman, AZ & Sunnyside, WA



HDPE Conduit | UL651A

NON-PRESSURE-RATED CONDUIT



SUBMITTAL AND DATA SHEET

| NOM. SIZE (IN) | O.D. (IN) | SCHEDULE | MIN. WALL (IN) | AVG. I.D (IN) |
|---|-----------|----------|----------------|---------------|
| PIPE DIMENSIONS NON-PRESSURE RATED | | | | |
| 0.5 in | 0.840 | Sch 40 | 0.109 | 0.609 |
| | | Sch 80 | 0.147 | 0.528 |
| 0.75 in | 1.050 | Sch 40 | 0.113 | 0.810 |
| | | Sch 80 | 0.154 | 0.724 |
| 1 in | 1.315 | Sch 40 | 0.133 | 1.033 |
| | | Sch 80 | 0.179 | 0.936 |
| 1.25 in | 1.660 | Sch 40 | 0.140 | 1.363 |
| | | Sch 80 | 0.191 | 1.255 |
| 1.5 in | 1.900 | Sch 40 | 0.145 | 1.593 |
| | | Sch 80 | 0.200 | 1.476 |
| 2 in | 2.375 | Sch 40 | 0.154 | 2.049 |
| | | Sch 80 | 0.218 | 1.913 |
| 3 in | 3.500 | Sch 40 | 0.216 | 3.042 |
| | | Sch 80 | 0.300 | 2.864 |
| 4 in | 4.500 | Sch 40 | 0.237 | 3.998 |
| | | Sch 80 | 0.337 | 3.786 |
| 6 in | 6.625 | Sch 40 | 0.280 | 6.031 |
| | | Sch 80 | 0.432 | 5.709 |

PRODUCT STANDARD

UL651A

PIPE COMPOUND

ASTM D3350
PE 334420 C or E

NOMINAL LAYING LENGTH

(Available in 96" and 102" continuous reels.
Other sizes available upon request.)





ELECTRICAL DIVISION



HDPE COMMUNICATION DUCT

[Product One Sheet >](#)

HDPE COMMUNICATION DUCT



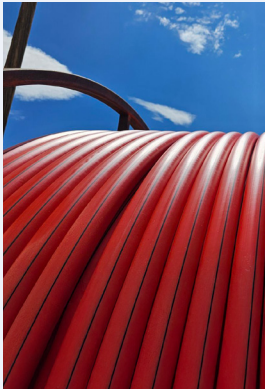
MADE IN AMERICA

 **ASTM F2160,
CONDUIT**

MARKETS

-  **TELECOM**
-  **CATV**
-  **COMMERCIAL & INDUSTRIAL**
-  **ENERGY**
-  **DOT**
-  **ENTERPRISE**
-  **RENEWABLE ENERGY**

DESCRIPTION



| HDPE COMMUNICATION DUCT | | PIPE COLOR | | | |
|--|--|--------------------------------------|-------|-------|-----------|
| Nominal Sizes (IN): 3/4-inch - 6-inch diameters <small>(Available in 96" and 102" continuous reels. Other sizes available upon request)</small> <small>(8-inch and above available upon request), with or without pull tape</small> | | BLUE | GREEN | BLACK | ORANGE |
| | | WHITE | GREY | RED | TERRACOTA |
| | | Custom colors available upon request | | | |

It can be joined by various heat fusion methods including electrofusion, socket fusion, butt fusion and saddle fusion, as well as mechanical connections.

With a COF 30 percent lower than PVC, it remains ductile at low temperatures and offers a maximum operating temperature of 90 degrees, which is compatible with the operating temperatures of power cables.



BENEFITS

JM Eagle HDPE Communication Duct is the easy-to-install, high-performance solution to communications applications.

INSTALLATION

- Lightweight and flexible, it comes in long lengths, allowing for easy and convenient installation.
- Because of its flexible nature, it reduces the use of fittings and remains ductile at low temperatures.
- Its longer pull lengths mean manholes can be placed farther apart, with fewer joints needed for directional drilling and plowing.
- Its lengths allow for greater flexibility in system design, as well as the ability to follow trench contours and avoid underground obstacles.

FEATURES

- It is recognized in the industry for its high stress crack resistance, a coefficient of friction 30 percent lower than PVC, and high tensile strength.
- It is resistant to corrosive chemicals and aggressive soils and is impervious to bacteria and fungus.
- JM Eagle's high-density polyethylene communication duct pipe is the key to a modern electrified infrastructure.
- Suitable for use as conduit, duct, inner-duct with communication, telecom, fiber optic high-speed data, power wire, and cable applications.



HDPE COMMUNICATION DUCT



SUBMITTAL AND DATA SHEET

| PIPE SIZE (IN) | AVG. O.D. (IN) | MIN. T. (IN) | AVG. I.D. (IN) | MIN. T. (IN) | AVG. I.D. (IN) |
|-----------------------------------|----------------|--------------|-----------------------------------|--------------|----------------|
| HDPE COMMUNICATION DUCT - DR 15.5 | | | HDPE COMMUNICATION DUCT - DR 9 | | |
| 1/2 | 0.840 | 0.062 | 0.7086 | 0.093 | 0.6428 |
| 3/4 | 1.050 | 0.068 | 0.9058 | 0.117 | 0.8020 |
| 1 | 1.315 | 0.084 | 1.1369 | 0.146 | 1.0055 |
| 1 1/4 | 1.660 | 0.107 | 1.4332 | 0.184 | 1.2699 |
| 1 1/2 | 1.900 | 0.123 | 1.6392 | 0.211 | 1.4527 |
| 2 | 2.375 | 0.153 | 2.0506 | 0.264 | 1.8153 |
| 2 1/2 | 2.875 | - | - | 0.319 | 2.1987 |
| 3 | 3.500 | 0.226 | 3.0209 | 0.389 | 2.6753 |
| 4 | 4.500 | 0.290 | 3.8852 | 0.500 | 3.4400 |
| 5 | 5.563 | 0.359 | 4.8019 | 0.618 | 4.2528 |
| 6 | 6.625 | 0.427 | 5.7198 | 0.736 | 5.0647 |
| 8 | 8.625 | 0.556 | 7.4463 | 0.958 | 6.5940 |
| 10 | 10.750 | 0.694 | 9.2787 | 1.194 | 8.2187 |
| 12 | 12.750 | 0.823 | 11.0052 | 1.417 | 9.7460 |
| HDPE COMMUNICATION DUCT - DR 11 | | | HDPE COMMUNICATION DUCT - DR 13.5 | | |
| 1/2 | 0.840 | 0.076 | 0.6789 | 0.062 | 0.7086 |
| 3/4 | 1.050 | 0.095 | 0.8486 | 0.078 | 0.8846 |
| 1 | 1.315 | 0.120 | 1.0606 | 0.097 | 1.1094 |
| 1 1/4 | 1.660 | 0.151 | 1.3399 | 0.123 | 1.3992 |
| 1 1/2 | 1.900 | 0.173 | 1.5332 | 0.141 | 1.6011 |
| 2 | 2.375 | 0.216 | 1.9171 | 0.176 | 2.0019 |
| 2 1/2 | 2.875 | 0.261 | 2.3217 | 0.213 | 2.4234 |
| 3 | 3.500 | 0.318 | 2.8258 | 0.259 | 2.9509 |
| 4 | 4.500 | 0.409 | 3.6329 | 0.333 | 3.7940 |
| 5 | 5.563 | 0.506 | 4.4903 | 0.412 | 4.6896 |
| 6 | 6.625 | 0.602 | 5.3488 | 0.491 | 5.5841 |
| 8 | 8.625 | 0.784 | 6.9629 | 0.639 | 7.2703 |
| 10 | 10.750 | 0.977 | 8.6788 | 0.796 | 9.0625 |
| 12 | 12.750 | 1.159 | 10.2929 | 0.944 | 10.7487 |

HDPE COMMUNICATION DUCT



SUBMITTAL AND DATA SHEET

| PIPE SIZE (IN) | AVG. O.D. (IN) | MIN. T. (IN) | AVG. I.D. (IN) | MIN. T. (IN) | AVG. I.D. (IN) |
|----------------|----------------|---------------------------------|----------------|---------------------------------|----------------|
| | | HDPE COMMUNICATION DUCT - SCH40 | | HDPE COMMUNICATION DUCT - SCH80 | |
| 1/2 | 0.840 | 0.109 | 0.6089 | 0.147 | 0.5284 |
| 3/4 | 1.050 | 0.113 | 0.8104 | 0.154 | 0.7235 |
| 1 | 1.315 | 0.133 | 1.0330 | 0.179 | 0.9355 |
| 1 1/4 | 1.660 | 0.140 | 1.3632 | 0.191 | 1.2551 |
| 1 1/2 | 1.900 | 0.145 | 1.5926 | 0.200 | 1.4760 |
| 2 | 2.375 | 0.154 | 2.0485 | 0.218 | 1.9128 |
| 2 1/2 | 2.875 | 0.203 | 2.4446 | 0.276 | 2.2899 |
| 3 | 3.500 | 0.216 | 3.0421 | 0.300 | 2.8640 |
| 4 | 4.500 | 0.237 | 3.9976 | 0.337 | 3.7856 |
| 5 | 5.563 | 0.258 | 5.0160 | 0.375 | 4.7680 |
| 6 | 6.625 | 0.280 | 6.0314 | 0.432 | 5.7092 |
| 8 | 8.625 | 0.322 | 7.9424 | - | - |
| 10 | 10.750 | 0.365 | 9.9762 | - | - |
| 12 | 12.750 | 0.406 | 11.8893 | - | - |





ELECTRICAL DIVISION



JM EAGLE CONDUIT REPAIR COUPLINGS SYSTEM

2" - 6" SCH 40 CONDUIT REPAIR COUPLINGS

Product One Sheet >

JM Eagle Conduit Repair Couplings System

2"- 6" SCH 40 CONDUIT REPAIR COUPLINGS



JM Eagle repair couplings are innovatively designed to facilitate the repair of existing PVC conduit pipe. Featuring a smooth internal diameter that allows for easy installation and proper bonding of PVC cement over existing conduit to ensure a durable, strong, permanent and easy repair. Our repair couplings are available in 2" to 6" sizing and are produced here in the USA.



INSTRUCTIONS FOR USE

JM Eagle's repair couplings are simple to use and make for a quick repair job.

STEP 1 - Cut the damaged section of conduit pipe. Then slide the repair coupling over one end of the existing pipe.

STEP 2 - Apply the appropriate amount of primer and solvent cement to the exterior of both pieces of conduit you are repairing. Mark both ends in order to center the repair coupling

STEP 3 - Quickly connect the two ends by sliding the repair coupling over to the middle point by aligning between the markings. Once in it's final position, rotate a quarter turn to ensure cement is evenly spread and the repair is sealed. The repair couplings are an efficient way to repair conduit when there is no electrical wires running through it.



NOTE: Product must be installed in accordance with applicable national and local electrical codes.

FEATURES

- Smooth inner surface to slide over existing conduit.
- Proudly made in Perris, CA & Stockton, CA
- Easy to use
- Used for repair on existing systems.



JM Eagle Conduit Repair Couplings System



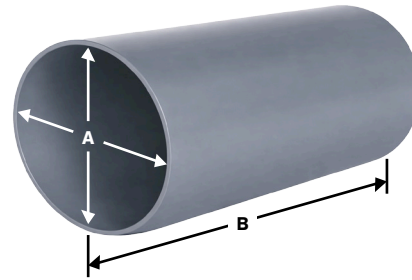
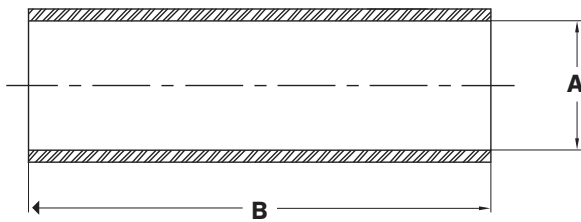
2"- 6" SCH 40 CONDUIT REPAIR COUPLINGS

SUBMITTAL AND DATA SHEET

SCHEDULE 40

| SIZE (IN) | MM | I.D. (A) | LENGTHS (B) | MM | PRODUCT UPC |
|--------------------|-------|----------|-------------|-------|-------------|
| SCHEDULE 40 | | | | | |
| 2 | 50.8 | 2.737 | 6" | 152.4 | 118497 |
| 2.5 | 63.5 | 3.344 | 6" | 152.4 | 123521 |
| 3 | 76.2 | 3.969 | 6" | 152.4 | 123547 |
| 3.5 | 88.9 | 4.502 | 7" | 177.8 | 123570 |
| 4 | 101.6 | 5.035 | 7" | 177.8 | 116962 |
| 5 | 127 | 6.145 | 9" | 228.6 | 115873 |
| 6 | 152.4 | 7.240 | 11" | 279.4 | 113365 |

A - Inside Diameter (I.D) **B** - Length (L)





Electrical Sales Team:
310-693-8412

For more information visit:
www.JMEagle.com

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PLANT FILM**

