



MODERN  
INFRASTRUCTURE  
**MADE IN AMERICA**

ELECTRICAL DIVISION  
**Product One-Sheets**

FEBRUARY 2026



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**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.



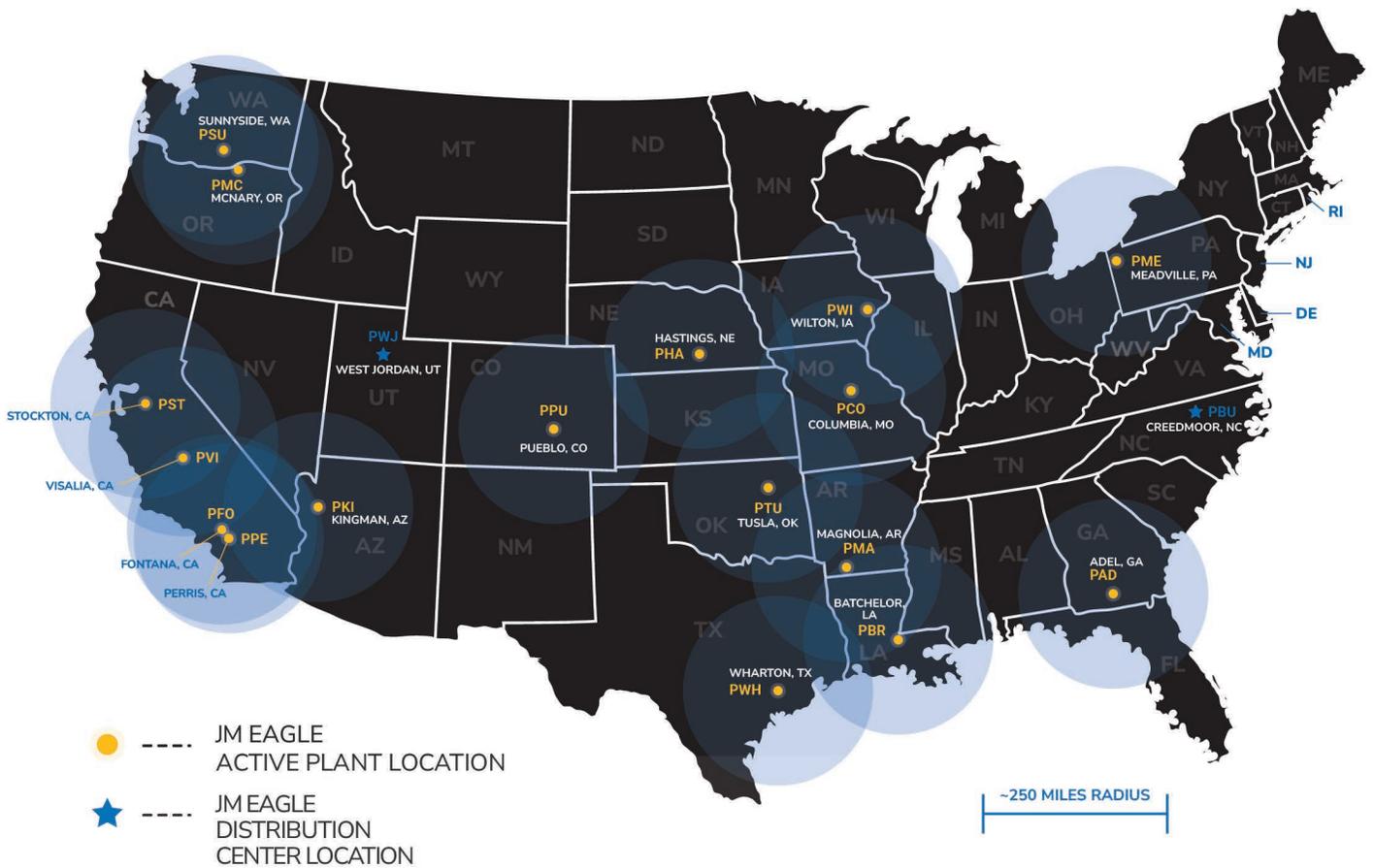
**SCAN HERE**  
TO EXPLORE JM EAGLE





MADE IN AMERICA

# STRATEGIC MANUFACTURING LOCATIONS





# 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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## 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



**JM Eagle**



SCAN HERE TO WATCH MCNARY FILM

**JM EAGLE LA WILDFIRE RELIEF**



**JM Eagle**

2025



SCAN HERE TO WATCH OUR WILDFIRE RELIEF FILM

**CORPORATE FILM**



**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**



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

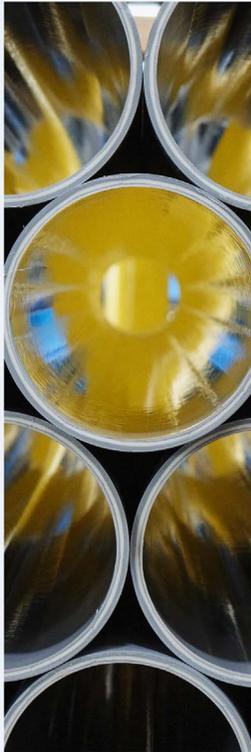


POWER



RENEWABLE ENERGY

## DESCRIPTION



### SOLID CORE

Nominal Laying Length:

**10/20/40 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"

### 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.



## PVC ELECTRICAL CONDUIT (SCH40 & SCH80)

### 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	6.625	6.037	0.280	154	5.718	0.432	606

#### 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

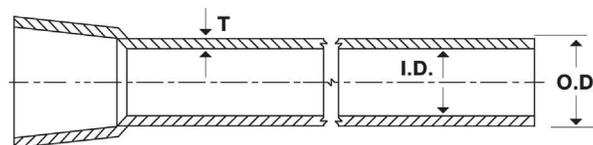
**10/20/40 feet**

(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





**MODERN  
INFRASTRUCTURE**  
**MADE IN AMERICA**



# ProCore™

## Innovative Cellular Core Conduit

- Lightweight and easy to install manually
- Innovative design with smooth walls for effortless wire pull-through
- Meets the same UL standards as traditional conduit
- Suitable for the same applications as traditional SCH 40 Conduit

- Lower carbon footprint, making transport more efficient
- Reduction in weight makes a noticeable difference when used in duct banks
- Durable and corrosion-proof for long-lasting performance
- Proudly made in the USA

### For the Pros

- Better value than traditional conduit
- Engineered by Pros for the Pros
- Available for drop ship to job sites
- All ProCore products meet or exceed UL651 and other critical standards
- Same fittings as traditional SCH 40 Conduit
- Diameters available in range from 1.5 inch to 6 inch



**17** Manufacturing plants

**2** Distribution centers

**JM Eagle, The Backbone of Electrical Infrastructure**

## 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)
<b>PROCORE™ (CELLULAR CORE) CONDUIT (SCH40)</b>				
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.)

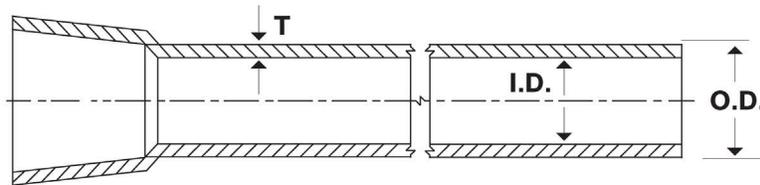
#### INSTALLATION

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)
				<b>Schedule 40 CONDUIT</b>			
				<b>Schedule 80 CONDUIT</b>			
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.)

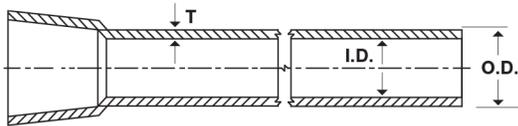
**INSTALLATION**

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
<b>TYPE DB60 (500,000 MODULUS TABLE)</b>					
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
<b>TYPE DB100 (500,000 MODULUS TABLE)</b>					
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
<b>TYPE DB120 (500,000 MODULUS TABLE)</b>					
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
<b>TYPE EB20 (500,000 MODULUS TABLE)</b>					
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
<b>TYPE EB35 (500,000 MODULUS TABLE)</b>					
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
<b>CAO 8546 TYPE C (500,000 MODULUS TABLE)</b>					
4	4.350	4.028	0.153	-	-

# Electrical Conduit and Duct

DIRECT BURIAL & ENCASED BURIAL

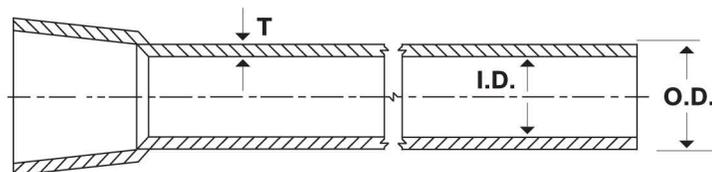


## ARIZONA SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM. I.D. (IN)	*MIN. T. (IN)	APPROX. WT/FT	PIPE STIFFNESS
<b>TYPE DB100 (400,000 MODULUS TABLE) (Arizona)</b>					
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
<b>TYPE DB120 (400,000 MODULUS TABLE) (Arizona)</b>					
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
<b>TYPE EB35 (400,000 MODULUS TABLE) (Arizona)</b>					
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

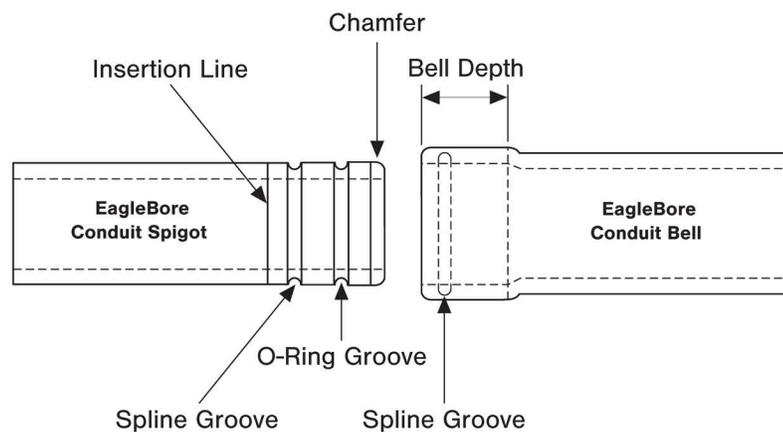
Nominal Laying Length:

**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)
<b>Schedule 40 Conduit</b>					
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

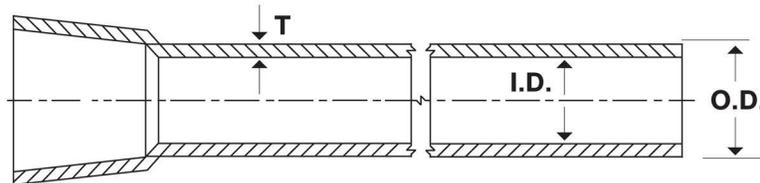
#### NOMINAL LAYING LENGTH

**20 feet**

(Please call regarding manufacturing standards and specifications)

#### INSTALLATION

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



**T** - Wall Thickness

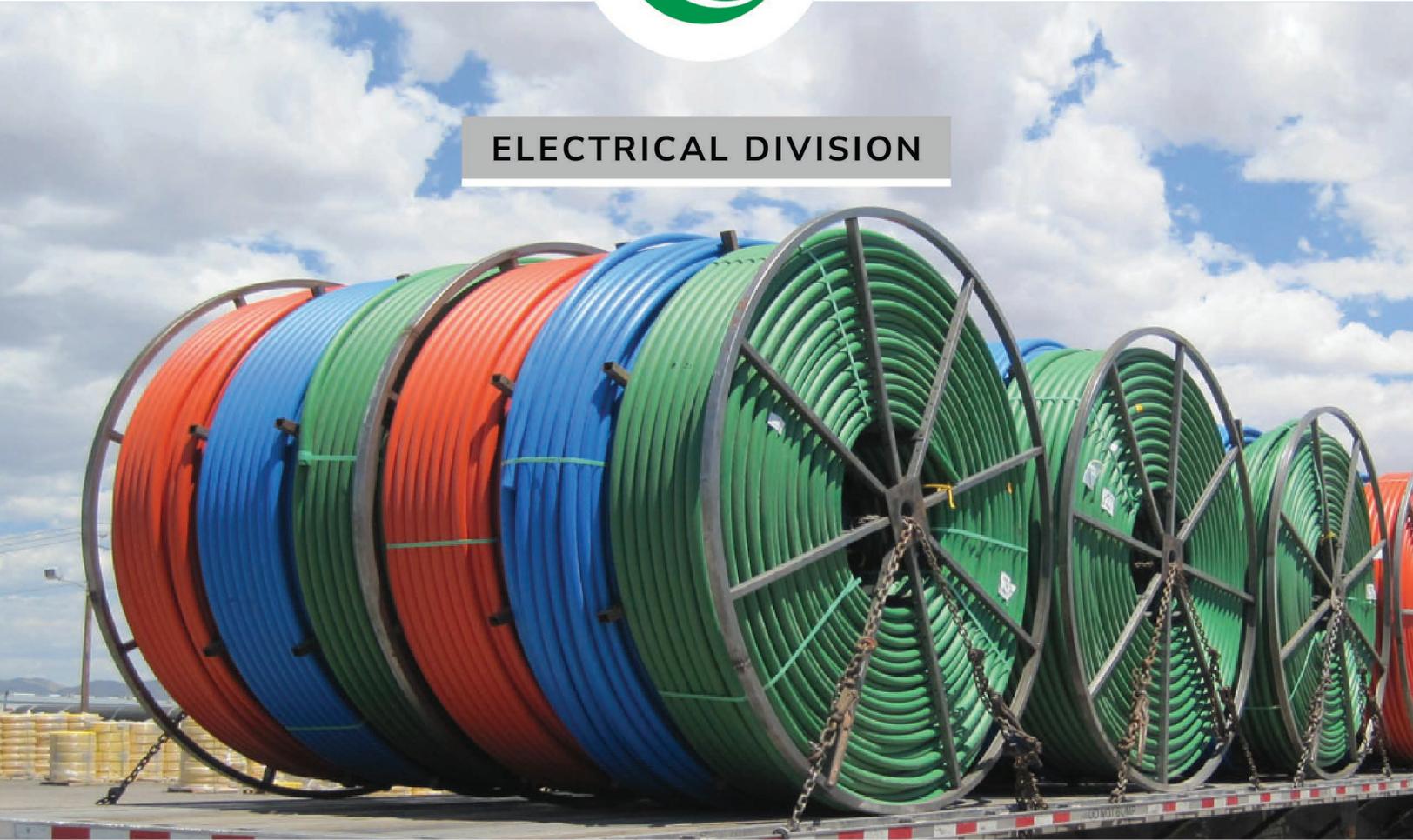
**I.D.** - Inside Diameter

**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



DOT



ENTERPRISE



RENEWABLE ENERGY

## DESCRIPTION



### HDPE COMMUNICATION DUCT

Nominal Sizes (IN):

0.5", 0.75", 1", 1.25", 1.5",  
2", 3", 4", 6"

### PIPE COLOR

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)
<b>PIPE DIMENSIONS NON-PRESSURE RATED</b>				
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			
<b>Nominal Sizes (IN):</b> <b>3/4-inch - 6-inch diameters</b> <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



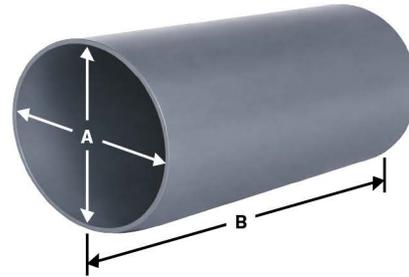
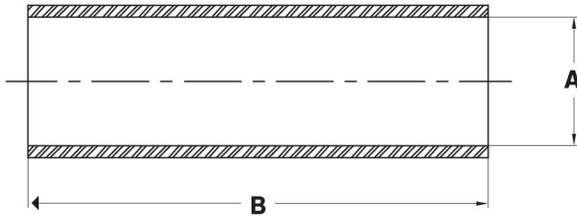
2"- 6" SCH 40 CONDUIT REPAIR COUPLINGS

## SUBMITTAL AND DATA SHEET

### SCHEDULE 40

SIZE (IN)	MM	I.D. (A)	LENGTHS (B)	MM	PRODUCT UPC
<b>SCHEDULE 40</b>					
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](http://www.JMEagle.com)**

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