



MODERN
INFRASTRUCTURE
MADE IN **AMERICA**

ELECTRICAL DIVISION Product One-Sheets

SEPTEMBER 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.
- Our logistics partner, Ascending Eagle, features a 100-truck fleet to ensure fast, reliable shipments directly from our manufacturing plants and distribution centers.
- 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.
- Widest range of high-grade, high-performance plastic pipes in the industry including: PVC, PE & ABS.
- Strength lies in both product diversity and a skilled, diverse workforce nationwide.

Our Partnership

- Meets evolving market needs to stay competitive in waterworks, irrigation, plumbing, electrical, gas 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.



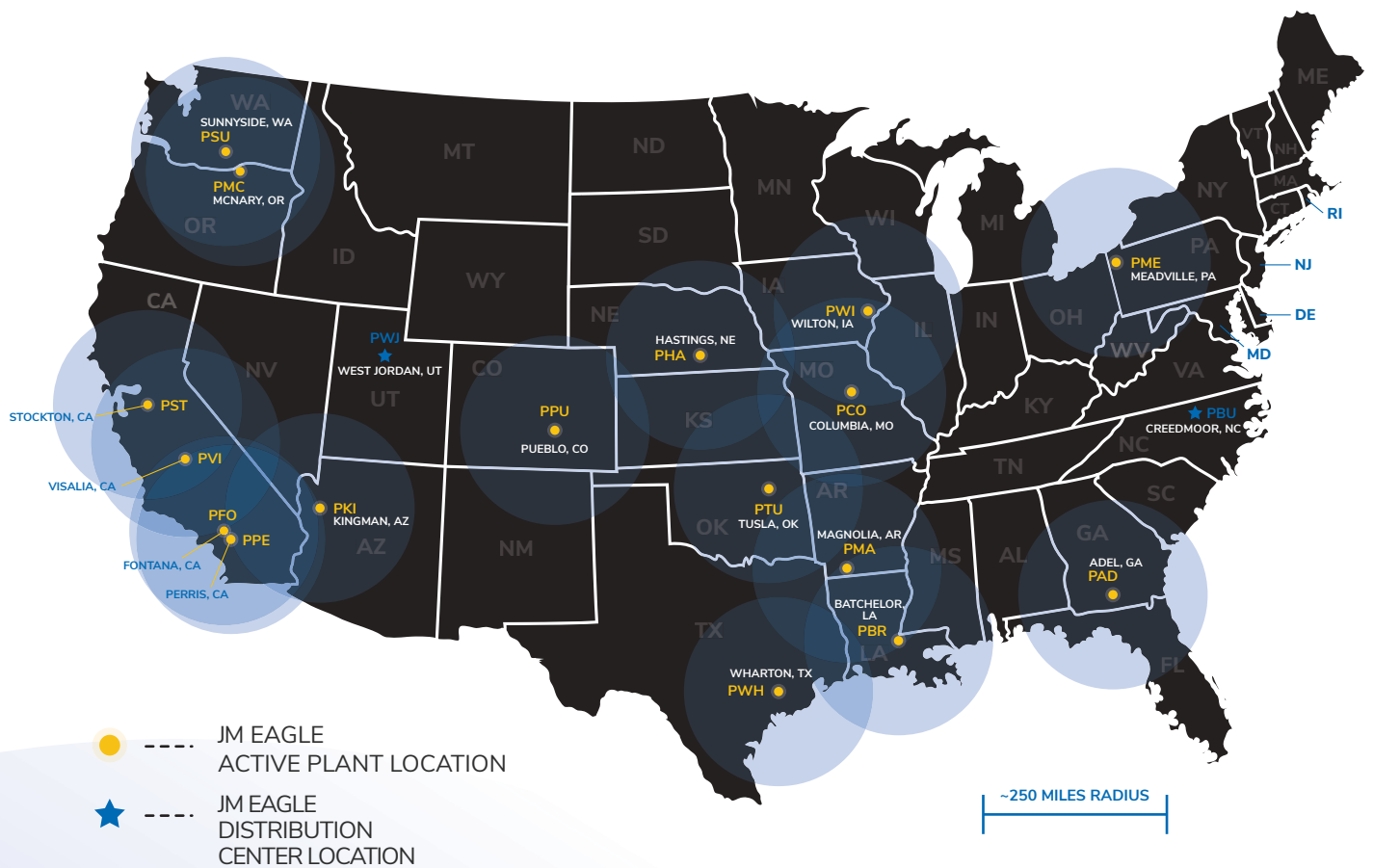
SCAN HERE
TO EXPLORE JM EAGLE





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.



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ELECTRICAL MEDIA

BUILDING AMERICA'S
ELECTRICAL FUTURE



SCAN HERE TO WATCH
OUR ELECTRICAL FILM

WELCOME
TO JM EAGLE'S
PERRIS, CA
PLANT



SCAN HERE TO WATCH
PERRIS FILM

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



SCAN HERE TO WATCH
MCNARY FILM

JM EAGLE
LA WILDFIRE
RELIEF



SCAN HERE TO WATCH
OUR WILDFIRE
RELIEF FILM

WHO WE ARE



SCAN HERE TO WATCH
CORPORATE FILM

A YEAR
IN THE LIFE
OF JM EAGLE
Making an Impact



SCAN HERE TO WATCH
OUR IMPACT



ELECTRICAL DIVISION

ELECTRICAL CONDUIT, DUCT AND COMMUNICATIONS INFRASTRUCTURE PRODUCTS

MATERIALS

PVC

HDPE

MARKETS



TELECOM



ELECTRICAL SYSTEM



DOT



POWER



RENEWABLE ENERGY



CATV



COMMERCIAL & INDUSTRIAL



ENERGY



ENTERPRISE





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)



UL651, NEMA BI 50054 (Formerly NEMA TC-2),
CSA C22.2 No. 211.2

MARKETS



TELECOM



ENTERPRISE



CATV



POWER



COMMERCIAL
& INDUSTRIAL



ENERGY



DOT

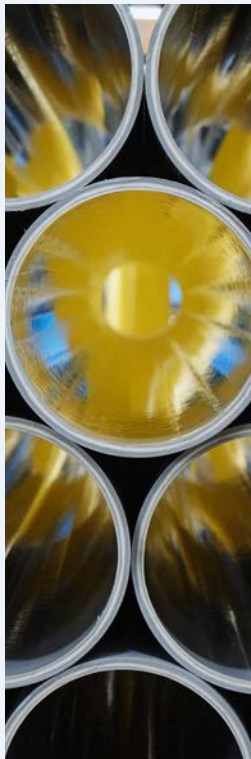


ELECTRICAL SYSTEM



RENEWABLE ENERGY

DESCRIPTION



SOLID CORE

Nominal Laying Length:

10/20 feet

(Laying length tolerances are in accordance
with product 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 product standards)

PIPE SIZES

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

PIPE COLOR

GREY

UL651/NEMA BI 50054

Solid Schedule 40

Solid Schedule 80

CSA C22.2 No.211.2

Solid Schedule 40

UL651/NEMA BI 50054

Procore™ Schedule 40



BENEFITS

INSTALLATION

- Lightweight, great for manual installation.
- Field-cut with a power saw or handsaw; chamfer without complicated machinery.
- Formulated for underground burial, outdoor use and concrete encasement.

FEATURES

- Smooth wall interior allows for easy pull through for wires.
- Approved for 90° C wire conductors.
- Permanently join using solvent cement for watertight seals.
- Unaffected by corrosive elements, sulfuric acid, alkaline, or acidic soils.



SUBMITTAL AND DATA SHEET

SCHEDULE 40 & 80 CONDUIT

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM I.D. (IN)	MIN. T. (IN)	PIPE STIFF. (PSI)	WGT (LBS FT)	C Avg.	NOM I.D. (IN)	MIN. T. (IN)	PIPE STIFF. (PSI)	WGT (LBS FT)	C Avg.
Schedule 40 CONDUIT						Schedule 80 CONDUIT					
1/2	0.840	0.611	0.109	5,923	0.166	1.750	0.531	0.147	17,053	0.208	1.750
3/4	1.050	0.813	0.113	3,134	0.221	1.750	0.727	0.154	9,072	0.282	1.750
1	1.315	1.036	0.133	2,545	0.328	2.250	0.939	0.179	6,990	0.425	2.250
1 1/4	1.660	1.366	0.140	1,396	0.444	2.250	1.259	0.191	3,927	0.585	2.250
1 1/2	1.900	1.596	0.145	1,008	0.532	2.750	1.480	0.200	2,909	0.710	2.750
2	2.375	2.052	0.154	596	0.768	3.250	1.917	0.218	1,844	0.983	3.250
2 1/2	2.875	2.449	0.203	783	1.219	3.250	2.295	0.276	2,140	1.497	3.250
3	3.500	3.046	0.216	508	1.594	4.000	2.870	0.300	1,472	2.006	4.000
3 1/2	4.000	3.525	0.226	384	1.856	4.250	3.332	0.318	1,151	2.440	4.250
4	4.500	4.002	0.237	307	2.270	4.750	3.792	0.337	948	2.932	4.750
5	5.563	5.021	0.258	206	3.072	5.250	4.776	0.375	675	4.061	5.250
6	6.625	6.037	0.280	154	3.993	6.250	5.718	0.432	606	5.585	6.250
8	8.625	7.949	0.322	104	6.001	6.250	7.575	0.500	416	8.469	6.250

PRODUCT STANDARD

UL651
NEMA BI 50054
(Formerly NEMA TC-2)
CSA C22.2 No. 211.2
(Schedule 40 only)

INSTALLATION

JM Eagle™ Electrical
Conduit Installation Guide.

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"-8", and a nominal 45° inside-diameter chamfer on plain ends 1.25" and larger—engineered to help protect conductors during pulls and reduce installation rework.

CERTIFICATION

UL 651
CSA C22.2 No.211.2
(Schedule 40 only)

PIPE END OPTION

Bell End

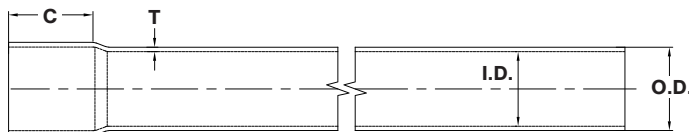
NOMINAL LAYING LENGTH

10/20 feet

(Laying length tolerances are in accordance with product standards)

Rated for 90° C Conductor

CSA items are listed for 75° C conductor



SCAN HERE FOR
THE ELECTRICAL CONDUIT
INSTALLATION GUIDE

C - Average Bell Length

T - Wall Thickness

I.D. - Inside Diameter

O.D. - Outside Diameter



SUBMITTAL AND DATA SHEET

PROCORE™ (CELLULAR CORE) SCHEDULE 40 CONDUIT

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	PIPE STIFF. (PSI)	WGT (LBS/FT)	C AVG.
PROCORE™ (CELLULAR CORE) SCHEDULE 40 CONDUIT						
1½	1.900	1.595	0.145	600	0.450	2.750
2	2.375	2.051	0.154	300	0.610	3.250
3	3.500	3.046	0.216	300	1.240	4.000
4	4.500	4.002	0.237	200	1.670	4.750
6	6.625	6.037	0.280	120	3.160	6.375

PRODUCT STANDARD

UL 651
NEMA BI 50054
(Formerly NEMA TC-2)

CERTIFICATION

UL 651

NOMINAL LAYING LENGTH

10/20 feet

(Laying length tolerances are
in accordance with product standards)

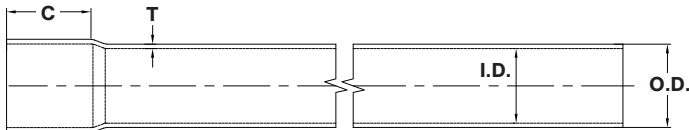
INSTALLATION

JM Eagle™ Electrical
Conduit Installation Guide.

PIPE END OPTION

Bell End

Rated for 90° C Conductor



SCAN HERE FOR
THE ELECTRICAL CONDUIT
INSTALLATION GUIDE

C - Average Bell Length

T - Wall Thickness

I.D. - Inside Diameter

O.D. - Outside Diameter





INDUSTRY EXCLUSIVE

THE ONLY MANUFACTURER THAT PRODUCES 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** 10" and 12" SCH 40



■ INDUSTRY EXCLUSIVE ■

THE ONLY MANUFACTURER THAT PRODUCES 10" & 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, sulfuric acid, alkaline, or acidic soils.
- Permanently join using solvent cement for watertight seals.
- Smooth wall interior allows for easy pull through for wires.
- The only conduit on the market over 8" 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 8" 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



NSF Special Engineered Conduit
SE 31765

MARKETS



TELECOM



ENTERPRISE



CATV



POWER



ELECTRICAL SYSTEM



RENEWABLE ENERGY



COMMERCIAL
& INDUSTRIAL



ENERGY

DESCRIPTION



SCHEDULE SERIES SOLID

Nominal Laying Length:

10/20 feet

Laying length tolerances are in accordance
with product standards)

PIPE SIZES

10", 12"

PIPE COLOR

GREY



BENEFITS

INSTALLATION

- Lightweight, great for manual installation.
- Field-cut with a power saw or handsaw; chamfer without complicated machinery.
- Formulated for underground burial, outdoor use and concrete encasement.

FEATURES

- Approved for 90° C wire conductors.
- Unaffected by corrosive elements, sulfuric acid, alkaline, or acidic soils.
- Permanently join using solvent cement for watertight seals.
- Performance criteria derived from UL 651 specification requirements and 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 8" 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 STIFF. (PSI)	WGT (LBS FT)	C Avg.	NOM I.D. (IN)	MIN. T. (IN)	PIPE STIFF. (PSI)	WGT (LBS FT)	C Avg.
Schedule 40 CONDUIT						Schedule 80 CONDUIT					
10	10.750	9.983	0.365	78	8.508	7.750	9.504	0.593	108	12.556	7.750
12	12.750	11.897	0.406	207	11.249	8.750	11.307	11.307	330	12.556	8.750

PRODUCT STANDARD

SE 31765

CERTIFICATION

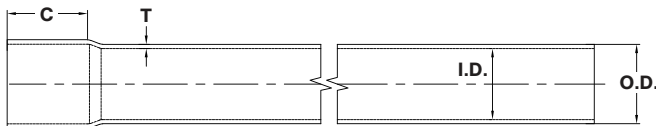
NSF Special Engineered File

NOMINAL LAYING LENGTH**10/20 feet**

(Laying length tolerances are in accordance with product standards)

INSTALLATIONJM Eagle™ Electrical
Conduit Installation Guide.**PIPE END OPTION**

Bell End

Rated for 90° C Conductor**C** - Average Bell Length**T** - Wall Thickness**I.D.** - Inside Diameter**O.D.** - Outside Diameter
SCAN HERE FOR
THE ELECTRICAL CONDUIT
INSTALLATION GUIDE
**CERTIFICATION**

Our conduit line is UL651/NEMA BI 50054 (Formerly NEMA TC-2) certified; UL does not certify electrical conduit above 8" in diameter.

JM Eagle's large-diameter offerings (10-12 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 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 8".

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 8" 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 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

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



NEMA BI 50063 (Formerly 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



MADE IN AMERICA

MARKETS



TELECOM



ELECTRICAL SYSTEM



DOT



POWER



RENEWABLE ENERGY

DESCRIPTION



ELECTRICAL CONDUIT AND DUCT

Nominal Laying Length:

10/20 feet

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 and NEMA BI 50063 {Formerly NEMA TC-6 / TC-8}).

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.

- Field-cut with a power saw or handsaw without complicated machinery.
- Easy to load, transport and handle.
- Preferred choice of installers due to ease of installation and savings on installation costs.
- JM Eagle Electrical Conduit and Power Duct products are suitable for power, telephone and other electrical systems.
- Formulated for underground burial, outdoor use and concrete encasement.
- Rated for use with 90-degree C conductors.



Electrical Conduit and Duct

DIRECT BURIAL (DB) & ENCASED BURIAL (EB)



SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	APPROX. WT/FT	PIPE STIFF. (PSI)	C AVG.
TYPE DB60 (500,000 MODULUS TABLE)						
2	2.375	2.249	0.060	0.310	60	2.125
3	3.500	3.306	0.092	0.700	60	3.250
4	4.500	4.245	0.121	1.184	60	3.750
5	5.563	5.243	0.152	1.838	60	4.375
6	6.625	6.242	0.182	2.621	60	5.375
TYPE DB100 (500,000 MODULUS TABLE)						
3	3.500	3.264	0.112	0.848	100	3.250
4	4.500	4.195	0.145	1.411	100	3.750
5	5.563	5.187	0.179	2.154	100	4.375
6	6.625	6.177	0.213	3.053	100	5.375
TYPE DB120 (500,000 MODULUS TABLE)						
1	1.315	1.189	0.060	0.168	120	1.375
1 1/2	1.900	1.774	0.065	0.246	120	1.750
2	2.375	2.213	0.077	0.395	120	2.125
3	3.500	3.252	0.118	0.892	120	3.250
4	4.500	4.176	0.154	1.496	120	3.750
5	5.563	5.161	0.191	2.293	120	4.375
6	6.625	6.148	0.227	3.246	120	5.375
TYPE EB20 (500,000 MODULUS TABLE)						
2	2.375	2.249	0.060	-	20	2.125
3	3.500	3.371	0.061	-	20	3.250
4	4.500	4.327	0.082	-	20	3.750
5	5.563	5.346	0.103	-	20	4.375
6	6.625	6.362	0.125	-	20	5.375
TYPE EB35 (500,000 MODULUS TABLE)						
3	3.500	3.340	0.076	-	35	3.250
4	4.500	4.290	0.100	0.983	35	3.750
5	5.563	5.298	0.126	1.550	35	4.375
6	6.625	6.305	0.152	2.199	35	5.375
CAO 8546 TYPE C (500,000 MODULUS TABLE)						
4	4.350	4.028	0.153	-	-	3.125

Electrical Conduit and Duct

DIRECT BURIAL (DB) & ENCASED BURIAL (EB)

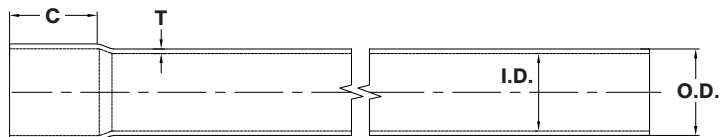


ARIZONA SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVG. O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	APPROX. WT/FT	PIPE STIFF. (PSI)	C AVG.
TYPE DB100 (400,000 MODULUS TABLE) (Arizona)						
3	3.500	3.245	0.121	-	100	3.250
4	4.500	4.174	0.155	1.456	100	3.750
5	5.563	5.159	0.192	2.229	100	4.375
6	6.625	6.144	0.229	-	100	5.375
TYPE DB120 (400,000 MODULUS TABLE) (Arizona)						
1	1.315	1.189	0.060	0.162	120	1.375
1 1/2	1.900	1.763	0.065	0.257	120	1.750
2	2.375	2.200	0.083	0.411	120	2.125
2 1/2	2.875	2.654	0.105	0.629	120	-
3	3.500	3.233	0.127	0.932	120	3.250
4	4.500	4.151	0.166	1.555	120	3.750
5	5.563	5.132	0.205	2.375	120	4.375
6	6.625	6.112	0.244	3.366	120	5.375
TYPE EB35 (400,000 MODULUS TABLE) (Arizona)						
1	1.315	1.189	0.060	-	35	1.375
2	2.375	2.249	0.060	-	35	2.125
3	3.500	3.327	0.082	-	35	3.250
4	4.500	4.271	0.109	-	35	3.750
5	5.563	5.277	0.136	1.595	35	4.375
6	6.625	6.28	0.164	-	35	5.375

PRODUCT STANDARD

NEMA BI 50063
(Formerly 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



C - Average Bell Length **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



PVC ELECTRICAL CONDUIT

FOLLOWS PHYSICAL
REQUIREMENTS OF: UL 651

MARKETS

TELECOM

ELECTRICAL SYSTEM

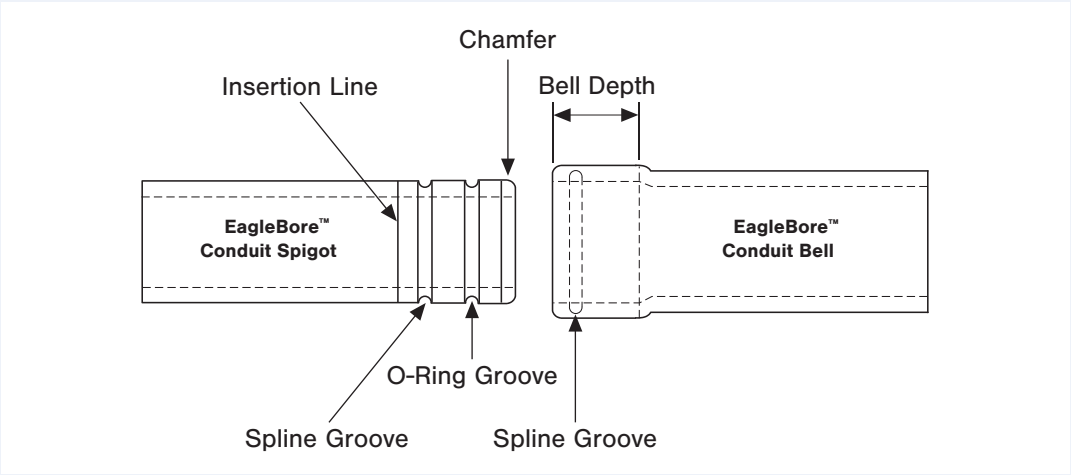
POWER

RENEWABLE ENERGY

DESCRIPTION



ELECTRICAL CONDUIT EAGLEBORE™ SPLINE LOCKING	PIPE SIZES	PIPE COLOR
Nominal Laying Length: 20 feet	4", 5", 6"	GREY



BENEFITS

INSTALLATION

- Engineered specifically for horizontal directional drilling (HDD) pull-back applications.
- Restrained joint requires no solvent weld or cure time at the joint, speeding installation in the field.
- Suitable for direct bury and encasement applications per NEC Article 352.

FEATURES

- Restrained bell-and-spigot joint eliminates pull-apart during directional bore installation.
- Gasketed joint system resists infiltration and joint separation under pulling load.
- UL 651 listed, meets NEMA BI 50054 (Formerly NEMA TC-2) standard.
- Compatible with standard PVC fittings, elbows, and transition couplings.
- Smooth interior bore wall minimizes friction during cable or conductor pull-back.

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 STIFF. (PSI)	C AVG.
Schedule 40 Conduit						
4	4.500	4.002	0.237	2.270	307	4.750
5	5.563	5.021	0.258	3.072	206	5.250
6	6.625	6.037	0.280	3.993	154	6.250

FOLLOWS PHYSICAL REQUIREMENTS OF:

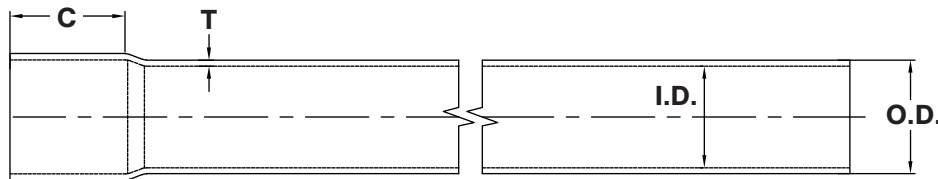
UL 651

PIPE END OPTION

Bell End

NOMINAL LAYING LENGTH

20 feet



C - Average Bell Length **T** - Wall Thickness **I.D.** - Inside Diameter **O.D.** - Outside Diameter





ELECTRICAL DIVISION



HDPE CONDUIT UL651A

HDPE ELECTRICAL CONDUIT

[Product One Sheet >](#)

HDPE Conduit | UL651A

HDPE ELECTRICAL CONDUIT



ASTM D3350 PE 334420 C or E, UL 651A



MARKETS

 TELECOM

 CATV

 COMMERCIAL & INDUSTRIAL

 ENERGY

 DOT

 ENTERPRISE

 RENEWABLE ENERGY

DESCRIPTION



HDPE CONDUIT | UL651A

Nominal Sizes (IN):
1/2", 3/4", 1", 1 1/4", 1 1/2",
2", 3", 4", 6"

PIPE COLOR

BLUE	GREEN	BLACK
ORANGE	WHITE	GREY
RED	TERRACOTA	

(Custom colors available upon request)

REEL OPTIONS

96" and 102"

Continuous reels with or without pull tape.
(Other sizes available upon request)

Installation Methods

Electro Fusion

Socket Fusion

Butt Fusion

Saddle Fusion

Mechanical Connections



BENEFITS

INSTALLATION

FEATURES

- 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)
- 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

HDPE ELECTRICAL CONDUIT



SUBMITTAL AND DATA SHEET

NOM. SIZE	O.D. (IN)	SCHEDULE	MIN. WALL (IN)	AVG. I.D (IN)
½ in	0.840	Sch 40	0.109	0.609
		Sch 80	0.147	0.528
¾ 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 ¼ in	1.660	Sch 40	0.140	1.363
		Sch 80	0.191	1.255
1 ½ 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

UL 651A

PIPE COMPOUND

ASTM D3350
PE 334420 C or E

REEL OPTIONS

96" and 102"

Continuous reels with or without pull tape.
(Other sizes available upon request)





ELECTRICAL DIVISION

HDPE COMMUNICATION DUCT

[Product One Sheet >](#)

HDPE COMMUNICATION DUCT



MADE IN AMERICA



ASTM F2160,
ASTM D3350 Cell Class 334430C/E,
NEMA BI 50064 (Formerly NEMA TC-7)

MARKETS



TELECOM



CATV



COMMERCIAL
& INDUSTRIAL



ENERGY



DOT



ENTERPRISE



RENEWABLE ENERGY

DESCRIPTION



HDPE COMMUNICATION DUCT

Nominal Sizes:
 $\frac{1}{2}$ "-12"

Nominal Laying Length:
6" and below

Available on 96" and 102" continuous reels

8" and above

Available in 40/50 feet

PIPE COLOR

BLUE

GREEN

BLACK

ORANGE

WHITE

GREY

RED

TERRACOTA

Custom colors available upon request

ASTM F2160

SDR 9

SDR 13.5

SDR 11

DR 15.5

SCH 40

SCH 80

NEMA BI 50046

SDR 17

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

Coefficient of friction 30% lower than metallic conduit. Remains ductile at lower temperatures and offers a maximum operating temperature of 90° C, which is compatible with the operating temperature of power cables.

BENEFITS

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

INSTALLATION

- Long length allows for greater flexibility in system design, as well as the ability to follow trench contours and avoid underground obstacles.
- Highly flexible in nature, product reduces the need for fittings and remains ductile at low temperatures.

FEATURES

- Resistant to corrosive chemicals, aggressive soils and is impervious to bacteria and fungus.
- Lightweight.



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)
		SDR 9		SDR 11	
1/2	0.840	0.093	0.642	0.076	0.678
3/4	1.050	0.117	0.802	0.095	0.848
1	1.315	0.146	1.005	0.120	1.060
1 1/4	1.660	0.184	1.269	0.151	1.339
1 1/2	1.900	0.211	1.452	0.173	1.533
2	2.375	0.264	1.815	0.216	1.917
2 1/2	2.875	0.319	2.198	0.261	2.321
3	3.500	0.389	2.675	0.318	2.825
4	4.500	0.500	3.440	0.409	3.632
5	5.563	0.618	4.252	0.506	4.490
6	6.625	0.736	5.064	0.602	5.348
8	8.625	0.958	6.594	0.784	6.962
10	10.750	1.194	8.218	0.977	8.678
12	12.750	1.417	9.746	1.159	10.292
		SDR 13.5		DR 15.5	
1/2	0.840	0.062	0.708	0.062	0.708
3/4	1.050	0.078	0.884	0.068	0.905
1	1.315	0.097	1.109	0.084	1.136
1 1/4	1.660	0.123	1.399	0.107	1.433
1 1/2	1.900	0.141	1.601	0.123	1.639
2	2.375	0.176	2.001	0.153	2.050
2 1/2	2.875	0.213	2.423	-	-
3	3.500	0.259	2.950	0.226	3.020
4	4.500	0.333	3.794	0.290	3.885
5	5.563	0.412	4.689	0.359	4.801
6	6.625	0.491	5.584	0.427	5.719
8	8.625	0.639	7.270	0.556	7.446
10	10.750	0.796	9.062	0.694	9.278
12	12.750	0.944	10.748	0.823	11.005

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)
		SDR 17		SCH40	
1/2	0.840	0.062	0.708	0.109	0.608
3/4	1.050	0.062	0.918	0.113	0.810
1	1.315	0.077	1.151	0.133	1.033
1 1/4	1.660	0.098	1.452	0.140	1.363
1 1/2	1.900	0.112	1.662	0.145	1.592
2	2.375	0.140	2.078	0.154	2.048
2 1/2	2.875	0.169	2.516	0.203	2.444
3	3.500	0.206	3.063	0.216	3.042
4	4.500	-	-	0.237	3.997
5	5.563	-	-	0.258	5.016
6	6.625	-	-	0.280	6.031
8	8.625	-	-	0.322	7.942
10	10.750	-	-	0.365	9.976
12	12.750	-	-	0.406	11.889

HDPE COMMUNICATION DUCT



SUBMITTAL AND DATA SHEET

PIPE SIZE (IN)	AVG. O.D. (IN)	MIN. T. (IN)	AVG. I.D. (IN)
SCH80			
1/2	0.840	0.147	0.528
3/4	1.050	0.154	0.723
1	1.315	0.179	0.935
1 1/4	1.660	0.191	1.255
1 1/2	1.900	0.200	1.476
2	2.375	0.218	1.912
2 1/2	2.875	0.276	2.289
3	3.500	0.300	2.864
4	4.500	0.337	3.785
5	5.563	0.375	4.768
6	6.625	0.432	5.709
8	8.625	-	-
10	10.750	-	-
12	12.750	-	-

PRODUCT STANDARD

ASTM F2160
NEMA BI 50064 (Formerly
NEMA TC-7):
1/2"- 12" SDR 11,
1/2"- 12" SDR 13.5,
1/2"- 6" DR 15.5,
1/2"- 3" SDR 17

PIPE COMPOUND

D3350 Cell Class
334430C/E

NOMINAL LAYING LENGTH

6" and smaller

Available on 96" and 102" continuous reels

8" and larger

Available in 40/50 feet

Other sizes, with or without pull tape,
available upon request.





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



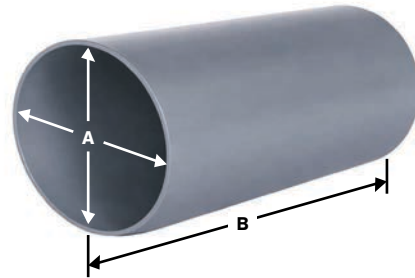
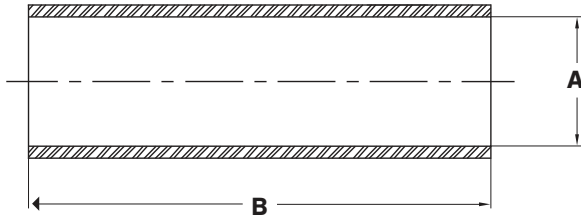
2"- 6" SCH 40 CONDUIT REPAIR COUPLINGS

SUBMITTAL AND DATA SHEET

SCHEDULE 40

O.D. (IN)	O.D. (MM)	NOMINAL I.D. (A)	LENGTH (IN) (B)	LENGTH (MM) (B)	PRODUCT UPC
SCHEDULE 40					
2	50.8	2.737	6	152.4	118497
2½	63.5	3.344	6	152.4	123521
3	76.2	3.969	6	152.4	123547
3½	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)





v.4.2

Electrical Sales Team:
310-693-8412

For more information visit:
www.JMEagle.com

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PLANT FILM**

