Electrical Conduit | SCHEDULE SERIES SOLID

SOLVENT WELD PVC ELECTRICAL CONDUIT

NEMA TC-2,
NSF Special Engineered Conduit
SE 31765

JM Eagle™

MADE IN AMERICA

MARKETS

- TELECOM
- ELECTRICAL SYSTEM
- POWER
- RENEWABLE ENERGY

DESCRIPTION

SOLID CORE	PIPE SIZES	PIPE COLOR
Nominal Laying Length: **10/20 feet** (Laying length tolerances are in accordance with approval standards)	8", 10", 12"	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.

MBE MINORITY BUSINESS ENTERPRISE CERTIFIED

BUILD AMERICA BUY AMERICA ACT

Electrical Conduit | SCHEDULE SERIES SOLID

SOLVENT WELD PVC ELECTRICAL CONDUIT

JM Eagle™ MADE IN AMERICA

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.)

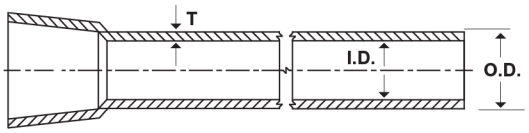
INSTALLATION

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

NSF NAED USGBC MEMBER

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