

# Electrical Conduit and Duct

## 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



MADE IN AMERICA

### 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.

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DIRECT BURIAL & ENCASED BURIAL



## SUBMITTAL AND DATA SHEET

| PIPE SIZE<br>(IN)                       | AVG. O.D.<br>(IN) | NOM. I.D.<br>(IN) | *MIN. T.<br>(IN) | APPROX.<br>WT/FT | PIPE<br>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            | -                | -                 |

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DIRECT BURIAL & ENCASED BURIAL

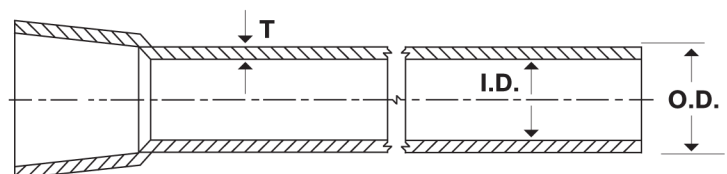


## ARIZONA SUBMITTAL AND DATA SHEET

| 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

