

# ELECTRICAL CONDUIT

## DATA SHEET



**SCHEDULE 40 AND SCHEDULE 80 CONDUIT, ANSI/UL 651. MEETS OR EXCEEDS THE REQUIREMENTS OF NEMA TC-2**

RIGID NON-METALLIC CONDUIT FOR USE IN BOTH ABOVE GROUND AND UNDERGROUND INSTALLATIONS

### SCHEDULE 40 CONDUIT

Rated for 90°C Conductors

SIZE	AVERAGE O.D.	NOM. I.D.	MIN. T.	APPROX. WT/100 FT
1/2	0.840	0.622	0.109	18
3/4	1.050	0.824	0.113	24
1	1.315	1.049	0.133	33
1-1/4	1.660	1.380	0.140	45
1-1/2	1.900	1.610	0.145	56
2	2.375	2.067	0.154	76
2-1/2	2.875	2.469	0.203	126
3	3.500	3.068	0.216	163
3-1/2	4.000	3.548	0.226	197
4	4.500	4.026	0.237	234
5	5.563	5.047	0.258	319
6	6.625	6.065	0.280	411
8 ::	8.625	7.942	0.322	622

Schedule 40 is furnished in standard 10' lengths with one bell end.

20' lengths are available upon request.

:: Non-UL

### SCHEDULE 80 CONDUIT

Rated for 90°C Conductors

SIZE	AVERAGE O.D.	NOM. I.D.	MIN. T.	APPROX. WT/100 FT
1/2	0.840	0.546	0.147	22
3/4	1.050	0.742	0.154	30
1	1.315	0.957	0.179	42
1-1/4	1.660	1.278	0.191	60
1-1/2	1.900	1.500	0.200	72
2	2.375	1.939	0.218	98
2-1/2	2.875	2.323	0.276	160
3	3.500	2.900	0.300	213
3 1/2	4.000	3.364	0.318	256
4	4.500	3.826	0.337	310
5	5.563	4.813	0.375	430
6	6.625	5.761	0.432	590

Schedule 80 is furnished in standard 10' lengths with one bell end.

20' lengths are available upon request.

# ELECTRICAL CONDUIT

## SUBMITTAL AND DATA SHEET

### POWER AND COMMUNICATION DUCT FOR CONCRETE ENCASUREMENT TC-6 & TC-8 AND ASTM F512

TYPE EB20\* :: 1

Rated for 90°C Cable

SIZE	AVERAGE O.D.	NOM. I.D.	*MIN. T.	APPROX. WT/100 FT
2	2.375	2.255	0.060	36
3	3.500	3.378	0.061	56
4	4.500	4.336	0.082	91
5	5.563	5.357	0.103	141
6	6.625	6.375	0.125	198

<sup>1</sup> Type EB20 also complies with ANSI/UL 651 A

TYPE EB35\* ::

Rated for 90°C Cable

SIZE	AVERAGE O.D.	NOM. I.D.	*MIN. T.	APPROX. WT/100 FT
3	3.500	3.348	0.076	68
4	4.500	4.300	0.100	109
5	5.563	5.311	0.126	168
6	6.625	6.321	0.152	235

\* Based on 500,000 psi Modulus

:: Conduit furnished with one bell end per 20-foot length.

:: JM Eagle™ Type EB duct is designed for concrete encasement installations and complies with NEMA TC-6 & TC-8 and ASTM F512.

I.D. : Inside Diameter

O.D. : Outside Diameter

T. : Wall Thickness

# ELECTRICAL CONDUIT

## SUBMITTAL AND DATA SHEET

### POWER AND COMMUNICATION DUCT FOR DIRECT BURIAL TC-6 & TC-8 AND ASTM F512

#### TYPE DB60\* ::

Rated for 90°C Cable

SIZE	AVERAGE O.D.	NOM. I.D.	*MIN. T.	APPROX. WT/100 FT
2	2.375	2.255	0.060	36
3	3.500	3.316	0.092	79
4	4.500	4.258	0.121	129
5	5.563	5.259	0.152	197
6	6.625	6.261	0.182	279

\* Based on 500,000 psi Modulus

#### TYPE DB100\* ::

Rated for 90°C Cable

SIZE	AVERAGE O.D.	NOM. I.D.	*MIN. T.	APPROX. WT/100 FT
3	3.500	3.276	0.112	91
3 1/2	4.000	3.744	0.128	120
4	4.500	4.212	0.145	152
5	5.563	5.207	0.179	231
6	6.625	6.201	0.213	328

\* Based on 500,000 psi Modulus

#### TYPE DB120\* ::

Rated for 90°C Cable

SIZE	AVERAGE O.D.	NOM. I.D.	*MIN. T.	APPROX. WT/100 FT
1	1.315	1.195	0.060	20
1-1/2	1.900	1.780	0.060	29
2	2.375	2.221	0.077	44
3	3.500	3.264	0.118	97
4	4.500	4.192	0.154	160
5	5.563	5.181	0.191	245
6	6.625	6.171	0.227	347

\* Based on 500,000 psi Modulus

:: Conduit furnished with one (1) bell end per 20' length.

:: JM Eagle™ Type DB duct is designed for direct burial installations and complies with NEMA TC-6 & 8 and ASTM F512.

400,000 psi Modulus available upon request.

# ELECTRICAL CONDUIT

## SUBMITTAL AND DATA SHEET

### POWER AND COMMUNICATION DUCT FOR DIRECT BURIAL TC-6 & TC-8 AND ASTM F512

#### TYPE EB35\* ::

Rated for 90°C Cable

SIZE	AVERAGE O.D.	NOM. I.D.	*MIN. T.	APPROX. WT/100 FT
3	3.500	3.336	0.082	65
4	4.500	4.282	0.109	109
5	5.563	5.291	0.136	166
6	6.625	6.297	0.164	235

\* Based on 400,000 psi Modulus

#### TYPE DB100\* ::

Rated for 90°C Cable

SIZE	AVERAGE O.D.	NOM. I.D.	*MIN. T.	APPROX. WT/100 FT
3	3.500	3.258	0.121	91
3 1/2	4.500	4.190	0.155	151
4	5.563	5.179	0.192	229
5	6.625	6.167	0.229	325
6	6.625	6.201	0.213	328

\* Based on 400,000 psi Modulus

#### TYPE DB120\* ::

Rated for 90°C Cable

SIZE	AVERAGE O.D.	NOM. I.D.	*MIN. T.	APPROX. WT/100 FT
1	1.315	1.195	0.060	17
1-1/2	1.900	1.770	0.065	27
2	2.375	2.209	0.083	46
3	3.500	3.246	0.127	100
4	4.500	4.168	0.166	166
5	5.563	5.153	0.205	253
6	6.625	6.137	0.244	358

\* Based on 400,000 psi Modulus

:: Conduit furnished with one (1) bell end per 20' length.

:: JM Eagle™ Type DB duct is designed for direct burial installations and complies with NEMA TC-6 & 8 and ASTM F512.

# ELECTRICAL CONDUIT

## SUBMITTAL AND DATA SHEET

### TELEPHONE DUCT

CAO 8546 TYPE C\* ::

Rated for 90°C Cable

SIZE	AVERAGE O.D.	NOM. I.D.	*MIN. T.	APPROX. WT/100 FT
4	4.350	4.044	0.149	147

\* Based on 500,000 psi Modulus

400,000 psi Modulus available upon request.

:: GTS - 8342 and HDPE Tele Duct available upon request

:: JM Eagle™ Type C PVC duct is designed for direct burial installations of telephone cables and complies with CAO 8546.

I.D. : Inside Diameter

O.D. : Outside Diameter

T. : Wall Thickness

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# ELECTRICAL CONDUIT

## SUBMITTAL AND DATA SHEET

### RIGID UTILITY CONDUIT

#### SCHEDULE 40 UTILITY

NORM. PIPE SIZ (IN)	O.D. (IN)	NOM. I.D. (IN)	*MIN. T. (IN)	APPROX. WEIGHT (WT/100FT)
2	2.375	2.05	0.154	82
3	3.500	3.04	0.216	174
4	4.500	4.00	0.237	242
5	5.563	5.02	0.258	336
6	6.625	6.03	0.280	462

Pipe color is gray. Other colors may be available on request.

Pipe is produced with integral solvent weld bells. Plain end conduit may be available on request.

Available in 20 foot lengths. 10 foot lengths may be available.

For direct earth burial and concrete encasement.

Specifically designed for power utility specifications.

Non UL or NSF Listed.

# ELECTRICAL CONDUIT

## SUBMITTAL AND DATA SHEET

### "GAS SLEEVE" PIPE

#### SCHEDULE 40

NOM. PIPE SIZE (IN)	O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	APPROX. WEIGHT (LBS/FT)
1	1.315	1.03	0.133	0.35
1 - 1/2	1.900	1.59	0.145	0.57
2	2.375	2.05	0.154	0.77
3	3.500	3.04	0.216	1.59
4	4.500	4.00	0.237	2.27
6	6.625	6.03	0.280	3.99
8	8.625	7.94	0.322	6.01
10	10.750	9.98	0.365	8.51
12	12.750	11.89	0.406	11.26

#### SCHEDULE 26

NOM. PIPE SIZE (IN)	O.D. (IN)	NOM. I.D. (IN)	MIN. T. (IN)	APPROX. WEIGHT (LBS/FT)
1 - 1/4	1.660	1.52	0.064	0.23
1 - 1/2	1.900	1.75	0.073	0.30
2	2.375	2.18	0.091	0.47
3	3.500	3.21	0.135	1.02
4	4.500	4.13	0.173	1.68
6	6.625	6.08	0.255	3.65
8	8.625	7.92	0.332	6.18
10	10.750	9.87	0.413	9.59
12	12.750	11.71	0.490	13.49

Pipe color is yellow.

Pipe is produced with integral solvent weld bells.

Available in 20 foot lengths. 10 foot lengths may be available.

The function of the pipe is a sleeve pipe. No pressure rating implied.

The PVC "Gas Sleeve" pipe shall not be used for transmission of natural gas.

This data sheet does not purport to address all the safety problems associated with its use.

It is the responsibility of whoever uses the gas sleeve to consult and establish safety and health practices and to determine the applicability of regulatory limitations prior to use.