

REQUIREMENTS FOR CORRUGATED STEEL PIPE
GAUGE / THICKNESS

CORRUGATIONS

DIAMETER	2 2/3" X 1/2"	3" X 1"	5" X 1"	MINIMUM COVER
12 INCH	16 GAUGE (.064")	N/A	N/A	2 FEET
15 INCH	16 GAUGE (.064")	N/A	N/A	2 FEET
18 INCH	16 GAUGE (.064")	N/A	N/A	2 FEET
24 INCH	16 GAUGE (.064")	N/A	N/A	2 FEET
30 INCH	14 GAUGE (.079")	N/A	N/A	2 FEET
36 INCH	14 GAUGE (.079")	14 GAUGE (.079")	14 GAUGE (.079")	2 FEET
42 INCH	12 GAUGE (.109")	12 GAUGE (.109")	12 GAUGE (.109")	2 FEET
48 INCH	12 GAUGE (.109")	12 GAUGE (.109")	12 GAUGE (.109")	2 FEET
54 INCH	12 GAUGE (.109")	12 GAUGE (.109")	12 GAUGE (.109")	2 FEET
60 INCH	10 GAUGE (.138")	12 GAUGE (.109")	12 GAUGE (.109")	2 FEET
66 INCH	10 GAUGE (.138")	12 GAUGE (.109")	12 GAUGE (.109")	2 FEET
72 INCH	10 GAUGE (.138")	12 GAUGE (.109")	12 GAUGE (.109")	2 FEET
78 INCH	8 GAUGE (.168")	12 GAUGE (.109")	12 GAUGE (.109")	2 FEET
84 INCH	8 GAUGE (.168")	12 GAUGE (.109")	12 GAUGE (.109")	2 FEET
90 INCH	N/A	10 GAUGE (.138")	10 GAUGE (.138")	2 FEET
96 INCH	N/A	10 GAUGE (.138")	10 GAUGE (.138")	2 FEET
102 INCH	N/A	8 GAUGE (.168")	8 GAUGE (.168")	2 FEET
108 INCH	N/A	8 GAUGE (.168")	8 GAUGE (.168")	2 FEET
114 INCH	N/A	8 GAUGE (.168")	8 GAUGE (.168")	2 FEET
120 INCH	N/A	8 GAUGE (.168")	8 GAUGE (.168")	2 FEET

NOTES:

1. ALL CORRUGATED STEEL PIPE SHALL BE GALVANIZED AND FULLY BITUMINOUS COATED AND INVERT PAVED.
2. ALL CORRUGATED STEEL PIPE GREATER THAN 60 INCHES IN DIAMETER SHALL BE FULLY PAVED (SMOOTH FLOW).
3. CORRUGATED STEEL PIPE SHALL NOT BE USED FOR SIZES LESS THAN 60 INCHES EXCEPT BY PERMISSION OF THE CITY ENGINEER.
4. ARCH PIPE SHALL GENERALLY BE THE SAME GAUGE REQUIRED FOR THE EQUIVALENT ROUND PIPE.
5. ALL CORRUGATED STEEL PIPE WITH COVER GREATER THAN 25 FEET SHALL BE REVIEWED AND EVALUATED TO DETERMINE THE REQUIRED THICKNESS.

STANDARD DETAIL

DATE: 2001

DRAWN BY JSR/CMR

CHECKED BY B.P., P.E.

SCALE NOT TO SCALE

**REQUIREMENT FOR
CORRUGATED STEEL PIPE
GUAGE/THICKNESS**

WILMINGTON
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