PRODUCT INFORMATION



SB-AW Spiral Corrugated Pipe (ISO)

SB-AW Spiral Corrugated Pipe, as the best combination of strength and hydraulic efficiency, feature helical pattern and lock-seam construction in round shapes from 12" to 14" in diameter. They are manufactured from quality galvanized corrugated sheet using advanced German manufacturing technology. Meanwhile, spiral corrugated pipes can be connected by coupling systems or flange plates according to the project requirements.

Product Feature

- **Lightweight** - About 1/10 to 1/15 time the weight of traditional concrete pipe in same diameter and length.
- **Easy to transport** - Spiral corrugated pipes can be manual carried on narrow construction sites that large handling equipment cannot get in.
- **Fast installation** - Spiral corrugated pipes can be assembled at any length based on the construction requirements when installing. Meanwhile, it is possible to disassemble the pipe and remove it to other places when necessary.
- **Superb corrosion resistance** - Heavy zinc coating no less than 600g/m^2 on both inside and outside of the pipe allows for great rust and corrosion resistance.
- **High applicability** - Low requirements for foundation bearing capacity and ground planeness, thus, our pipes still perform well in areas lacking dines or with low foundation bearing capacity.
- **Various specifications** - A wide range of wall thicknesses, pipe diameters and corrugation wave sizes are available to meet specific construction requirements. Meanwhile, four end types are available as shown in the following pictures:

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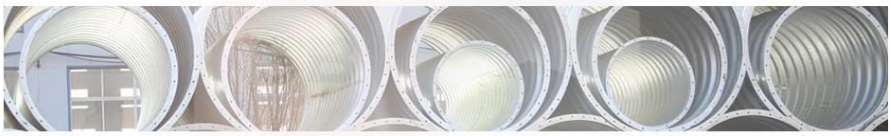
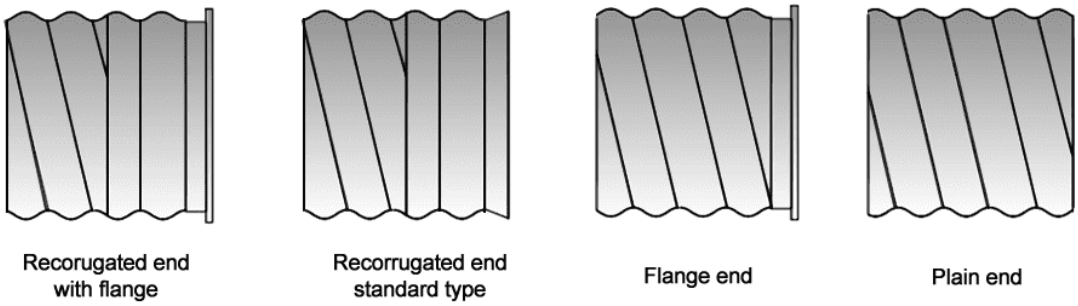
Applications

- Drain system.
- Culverts.
- Small bridges.
- Storm water detention.
- Gas pipeline protection tube.
- Underground cable protection.
- Underpasses.
- Passages for wildlife.
- Coalmine vent pipes.
- Well casing pipes.
- Cisterns.
- Agricultural irrigation.
- Municipal engineering.
- Storm sewer, etc.





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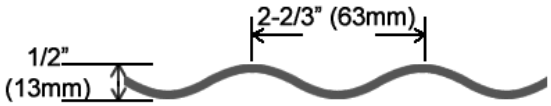
Specifications

SB-AW Spiral Corrugated Pipe (ISO)

- **Pipe inside diameter:** 0.3m to 3.6m.
- **Pipe thickness:** 18 gauge to 8 gauge.
- **Wave size:**
  - 68mm × 13mm (2-2/3" × 1/2");
  - 75mm × 25mm (3" × ");
  - 125mm × 25mm (5" × 1").
- **Anti-corrosion treatment:**
  - Galvanized - thickness of zinc coating ≥ 84um.
  - Electrostatic asphalt spraying.
  - Polymer coated for the longest service life.
- **Height of back-fill cover:** 0.5m to 76m
- **Pipe length:** Any custom length is available.

2-2/3" × 1/2" Corrugation



Model	Inside Diameter (inches)	Wall Thickness (gauge)
AWCQJOMPESCP03 A12	12	18, 16, 14
AWCQJOMPESCP03 A15	15	18, 16, 14, 12
AWCQJOMPESCP03 A18	18	18, 16, 14, 12
AWCQJOMPESCP03 A21	21	18, 16, 14, 12
AWCQJOMPESCP03 A24	24	18, 16, 14, 12
AWCQJOMPESCP03 A30	30	18, 16, 14, 12
AWCQJOMPESCP03 A36	36	18, 16, 14, 12, 10
AWCQJOMPESCP03 A42	42	18, 16, 14, 12, 10
AWCQJOMPESCP03 A48	48	18, 16, 14, 12, 10
AWCQJOMPESCP03 A54	54	18, 16, 14, 12, 10
AWCQJOMPESCP03 A60	60	14, 12, 10
AWCQJOMPESCP03 A66	66	12, 10
AWCQJOMPESCP03 A72	72	12, 10, 8
AWCQJOMPESCP03 A78	78	12, 10, 8
AWCQJOMPESCP03 A84	84	12, 10, 8
AWCQJOMPESCP03 A90	90	12, 10, 8
AWCQJOMPESCP03 A96	96	10, 8

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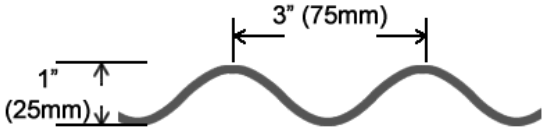
Specifications

SB-AW Spiral Corrugated Pipe (ISO)

3" × 1" Corrugation



Model	Inside Diameter (inches)	Wall Thickness (gauge)
AWCQJOMPESCP03 B36	36	16, 14, 12
AWCQJOMPESCP03 B42	42	16, 14, 12
AWCQJOMPESCP03 B48	48	16, 14, 12
AWCQJOMPESCP03 B54	54	16, 14, 12
AWCQJOMPESCP03 B60	60	16, 14, 12
AWCQJOMPESCP03 B66	66	16, 14, 12
AWCQJOMPESCP03 B72	72	16, 14, 12, 10, 8
AWCQJOMPESCP03 B78	78	16, 14, 12, 10, 8
AWCQJOMPESCP03 B84	84	16, 14, 12, 10, 8
AWCQJOMPESCP03 B90	90	16, 14, 12, 10, 8
AWCQJOMPESCP03 B96	96	16, 14, 12, 10, 8
AWCQJOMPESCP03 B102	102	16, 14, 12, 10, 8
AWCQJOMPESCP03 B108	108	16, 14, 12, 10, 8
AWCQJOMPESCP03 B114	114	16, 14, 12, 10, 8
AWCQJOMPESCP03 B120	120	16, 14, 12, 10, 8
AWCQJOMPESCP03 B126	126	14, 12, 10, 8
AWCQJOMPESCP03 B132	132	14, 12, 10, 8
AWCQJOMPESCP03 B138	138	14, 12, 10, 8



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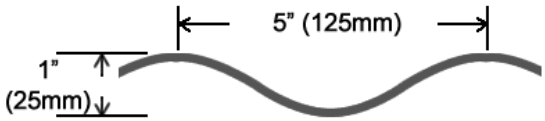
Specifications

SB-AW Spiral Corrugated Pipe (ISO)

5” × 1” Corrugation



Model	Inside Diameter (inches)	Wall Thickness (gauge)
AWCQJOMPESCP03 C36	36	16, 14, 12
AWCQJOMPESCP03 C42	42	16, 14, 12
AWCQJOMPESCP03 C48	48	16, 14, 12
AWCQJOMPESCP03 C54	54	16, 14, 12
AWCQJOMPESCP03 C60	60	16, 14, 12
AWCQJOMPESCP03 C66	66	16, 14, 12
AWCQJOMPESCP03 C72	72	16, 14, 12, 10, 8
AWCQJOMPESCP03 C78	78	16, 14, 12, 10, 8
AWCQJOMPESCP03 C84	84	16, 14, 12, 10, 8
AWCQJOMPESCP03 C90	90	16, 14, 12, 10, 8
AWCQJOMPESCP03 C96	96	16, 14, 12, 10, 8
AWCQJOMPESCP03 C102	102	16, 14, 12, 10, 8
AWCQJOMPESCP03 C108	108	16, 14, 12, 10, 8
AWCQJOMPESCP03 C114	114	16, 14, 12, 10, 8
AWCQJOMPESCP03 C120	120	16, 14, 12, 10, 8
AWCQJOMPESCP03 C126	126	14, 12, 10, 8
AWCQJOMPESCP03 C132	132	14, 12, 10, 8
AWCQJOMPESCP03 C138	138	14, 12, 10, 8
AWCQJOMPESCP03 C144	144	12, 10 8

- 18 gauge: 0.052";
- 12 gauge: 0.109";
- 16 gauge: 0.064";
- 10 gauge: 0.138";
- 14 gauge: 0.079";
- 8 gauge: 0.168".

*Note: Custom-made designs and sizes order for thickness of SB-AW Nestable Corrugated Pipe (ISO) is available and please contact us for more information.

All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the preceding is made in lieu of all warranties, expressed or implied.

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