



# Hi-Flo<sup>®</sup>

## Smoothwall Spiral Rib Pipe

### Solve your stormwater problems with the improved hydraulics of AIL's Hi-Flo<sup>®</sup> Smoothwall Spiral Rib Pipe System.

SAVE TIME. SAVE MONEY. Specify a Hi-Flo<sup>®</sup> – AIL's Smoothwall Spiral Rib Pipe System for your next project. Hi-Flo<sup>®</sup> is an innovative flexible metal pipe that combines the proven strength of corrugated metal pipe with the flow capacity of a smooth inner wall. Hi-Flo<sup>®</sup> delivers the recommended Manning's 'n' of 0.013 or better and stands up to the most aggressive environments. Look into the many benefits of using a Hi-Flo<sup>®</sup> Pipe.

- ▶ Smooth interior surface for superior hydraulics
- ▶ Economical, strong, lightweight and easy to install
- ▶ Reduced trench excavation and bed preparation
- ▶ Variety of sizes, thicknesses and materials
- ▶ Full range of fittings and accessories
- ▶ Can be used to reline existing systems
- ▶ Full engineering support and field service
- ▶ Approved to CSA G401-24 and ASTM A760 Standards
- ▶ Smaller carbon footprint than concrete pipe\*
- ▶ Available in Galvanized, Aluminized Type 2 or Polymer-Laminated coatings for design service lives of 25, 50 or 100+ years, respectively



\*CSP Environmental Product Declaration – SCS-EPD-05002, CCPA EPD – ASTM Certified, AGECO LCA of CSP vs RCP (Nov 2020)

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**2050**



**Atlantic Industries Limited**  
**We Support You.**

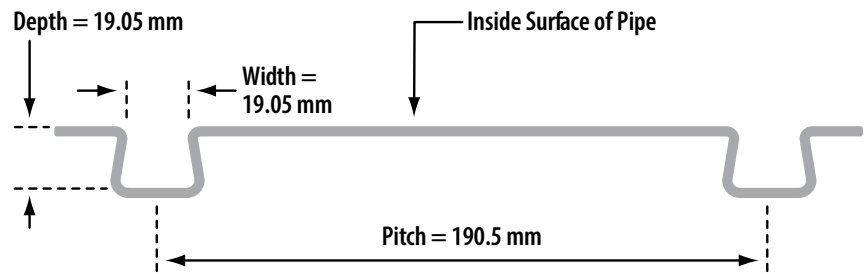
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# Hi-Flo® Smoothwall Spiral Rib Pipe



To suit virtually any application, Hi-Flo® Round Pipe and Pipe Arch come in many different diameters and lengths of 6 m or longer. Thicknesses range from 1.6 mm to 2.8 mm. Hi-Flo® is about 1/12th the weight of concrete pipe.



Tolerances shall be as noted in CSA G401-24 and/or ASTM A760

## Section design properties

| Wall Thickness |        | Area                | Moment of Inertia   | Section Modulus     | Radius of Gyration |
|----------------|--------|---------------------|---------------------|---------------------|--------------------|
| Specified      | Design |                     |                     |                     |                    |
| T              | T      | A                   | I                   | S                   | r                  |
| mm             | mm     | mm <sup>2</sup> /mm | mm <sup>4</sup> /mm | mm <sup>3</sup> /mm | mm                 |
| 1.6            | 1.519  | 1.082               | 58.829              | 4.016               | 7.375              |
| 2.0            | 1.897  | 1.513               | 77.674              | 5.054               | 7.164              |
| 2.8            | 2.657  | 2.523               | 117.167             | 7.129               | 6.815              |

Properties are effective section properties at full yield stress. Dimensions are subject to manufacturing tolerances.

Corrugated Steel Pipe has a smaller carbon footprint than concrete\*



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**Your AIL Technical Representative can help you save time and money. Call 1-877-245-7473.**



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