

## Technical solutions - Helix

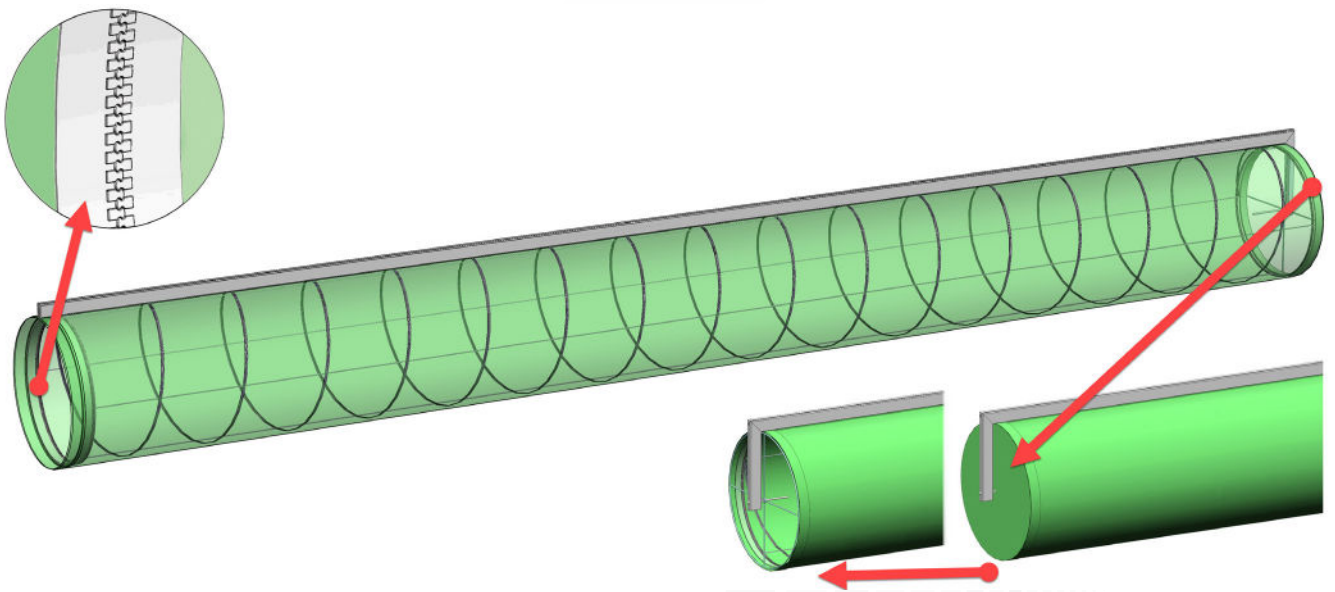


**PROBLEM:** Not properly stretched ducting / diffuser

**SOLUTION:** Helix reinforcing system

### Basic characteristic

The fabric-covered metal spiral is inserted inside the duct; it maintains permanently its cylindrical shape and keeps the fabric stretched. The necessary lead of the spring is provided by longitudinal textile strips. Five-metre long Helix sections are connected to zip fasteners attaching separate sections of the ducting together. The spiral can be easily removed for maintenance purposes; its manufacturing design is suitable for a majority of shaped pieces. The necessary tension of the fabric will be achieved by the tensioners in profile and in blanking.



**Easy installation - inner Helix reinforcement already installed and supplied in diffuser**

### Technical specifications

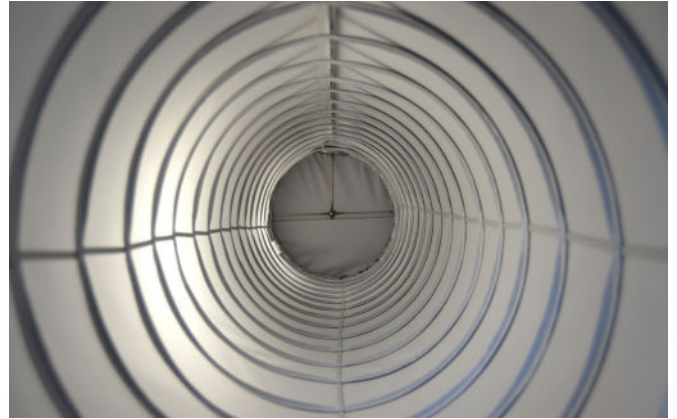
- Available for  $\varnothing 250 - \varnothing 1200$  mm
- Length of sections - 5 m
- Additional weight only 0,6 - 1kg/m
- Detachable inner reinforcement system (Zipper - Zipper connection)

## Key Benefits

- The same cylindrical shape even without air supply
- No extra work during assembly! Super light Helix is part of the product!
- Easy disassembly for maintenance
- Possibility of additional installation



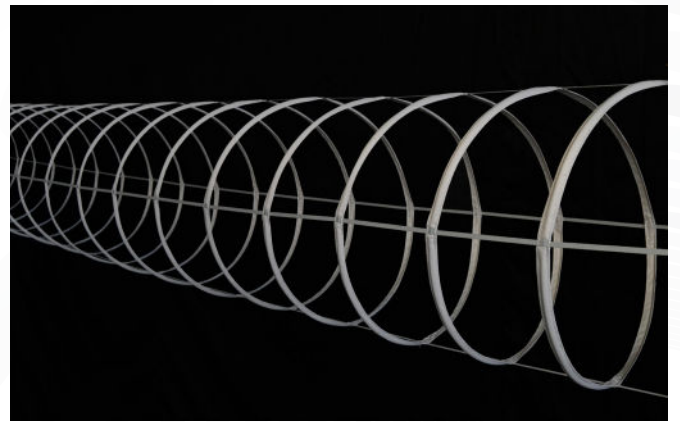
*Picture 1: View from outside*



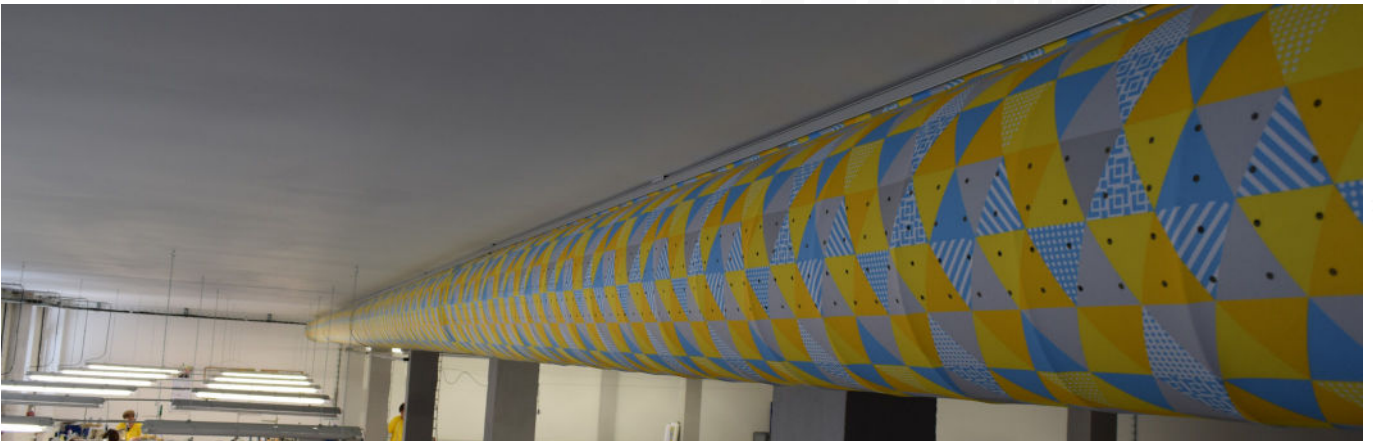
*Picture 2: View from inside*



*Picture 3: Elbow*



*Picture 4: Detachable spiral reinforcement*



*Picture 5: Helix reinforcement + Prihoda Art technology*