

Elotec pipes and accessories

With many years of experience with challenging environments, Elotec has developed pipes and accessories specially adapted to these environments.

Each of the units has been developed with special features to counteract specific challenges or to improve the overall functionality of the system.

Elotec pipes are delivered in many different materials, i.e. grey/red plastic and aluminum. The plastic pipes are PVC and tested to class 1131 per EN61386 as required in EN54-20.

Pipe advantages

- **Smooth internal surface**
 - Ra value of max 1,6
 - Improves transportation of air and particles
 - Counteracts the buildup of bacteria inside the pipeline
 - Easier to clean the pipes
- **Stiffer pipes**
 - Counteracts pipes bending in higher temperatures
 - Counteracts water and dust buildup in pipeline due to bent pipes
 - Flexible pipes might twist after installation putting holes out of line
 - Flexible pipes might bend down between clips causing accumulation of water and loss of air transportation
- **Drilling**
 - Drilling line throughout the pipe to make sure holes are in line
 - Drilling line allows pipes to be pre-drilled before mounting
 - ELOTEC branded each 2m, makes it easy to measure between holes
 - Holes should be at 4.30 and 7.30 o'clock to avoid water and dust accumulating covering holes. Easily achieved by using drilling line and turning pipes after they are installed
- **Straight pipes**
 - 4 meter length on each pipe
 - Straight and rigid pipes makes it easier to install pipeline with the use of wires for difficult installations and retrofits
- **Bends**
 - Specially adapted radius
 - Close to zero loss of airflow through bends
 - Transportation time not affected by using bends in the pipeline
 - Each bend has a pre-applied sealant causing a tight fit without the use of glue or screws
- **Joints**
 - Each joint has a pre-applied sealant causing a tight fit without the use of glue or screws
 - Indentations in the joint aid a better fit to pipes
 - Longer than necessary to avoid pipes getting pulled apart due to environmental changes
 - Disconnecting and reconnecting pipes and joints is possible and due to the special sealant, there will still be a tight fit



- **Cross**

- Specially adapted radius
- Close to zero loss of airflow through cross
- Transportation time not affected by using cross in the pipeline
- Can be used as both cross and T-branch
- Easy and quick mounting
- Pipes can easily be secured with screws in each inlet
- Design allows installation close to the wall even though it has X-cross option



- **Clips**

- Adapted internal diameter to allow pipes to move sideways inside the clips. This is to counteract changes in the environment causing movement in the pipeline
- Several different clips available for both roof and wire installations

- **THUB**

- Pre-installation of pipeline
- Easily snap on Aspect
- Built-in spirit level
- Increases the number of pipelines for each Aspect
- Built-in condensation separator and drain
- Adapted fittings making a tight fit between Aspect and Vulcan, reducing the space required for installation