

PURESTREAM

MULTILAYER PIPING



BY AIRCOM™



✓ Bendable ✓ Leak Free ✓ Never Rusts ✓ Easy to Install ✓ Certified



Bendable, resistant and specific for compressed air

Due to its material construction, Aircom's multilayer pipe for compressed air piping delivers excellent performance and easily adapts to most applications.

The aluminum layer incorporated in the structure of the multilayer pipe provides for resistance to high pressure and to high operating temperatures.

Ease of installation combined with lightweight material enables easy shaping of piping sections in problem areas to overcome obstacles in the simplest way.

AIRCOM'S MULTILAYER PIPE ADVANTAGES

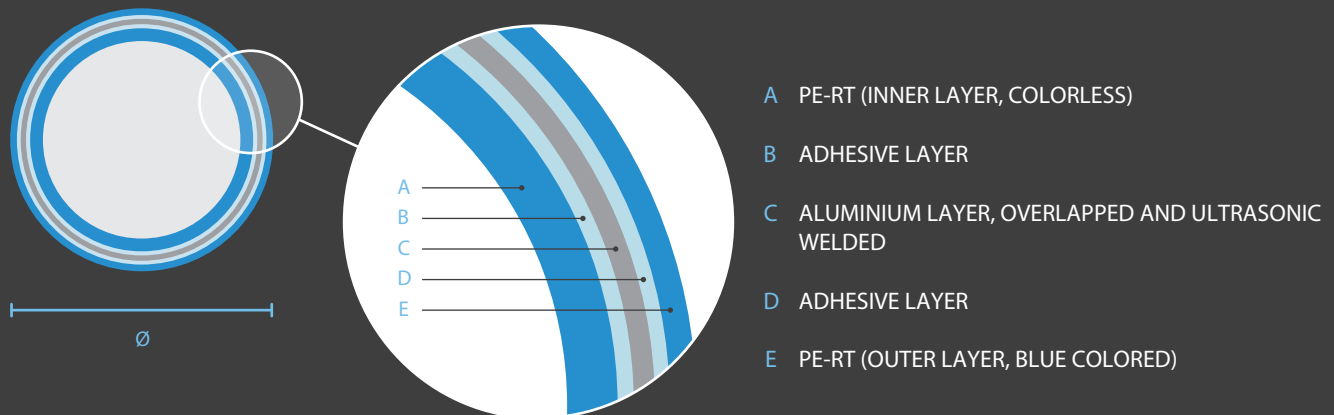
- ✓ Specific pipe for compressed air piping.
- ✓ Easy creation of shaped piping sections.
- ✓ Easy overcoming of obstacles, corners, pillars etc.
- ✓ Easy installation due to its bendability.
- ✓ Linear thermal expansion factor similar to aluminium pipe.
- ✓ Corrosion resistant.
- ✓ Outstanding durability.

Technical features

Diameter sizes available

CODE	Ø
TUMLST016	16 mm
TUMLST020	20 mm
TUMLST025	25 mm

Layers and materials



MAIN TECHNICAL FEATURES (E.&O.E.)

MAX. OPERATING TEMPERATURE	70 °C
NOMINAL PRESSURE	16 bar
THERMAL LINEAR EXPANSION FACTOR	0,025 mm / m °C
MINIMUM BENDING RADIUS	5 x d (by hand) – 4 x d (bending spring)

Aircom's multilayer pipe comes in rolls of 50 metres each, and packed in single carton boxes.



Ø 16mm

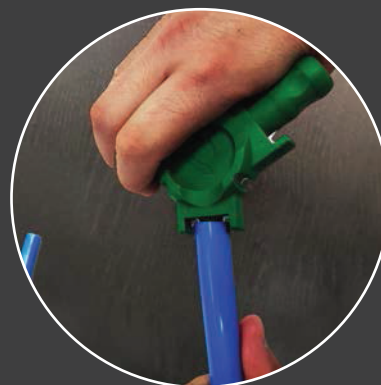


Ø 20 - 25 mm

How to use



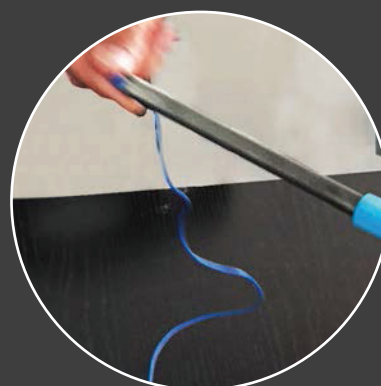
CUT THE PIPE WITH THE SPECIAL SHEAR.



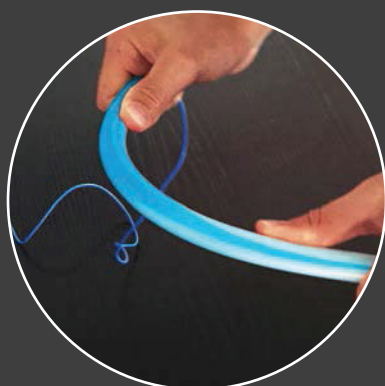
USE THE CALIBRATOR TOOL TO CHAMFER THE PIPE END AND RESTORE THE CORRECT SHAPE AFTER CUTTING.



INSERT THE INTERNAL BENDING SPRING INTO THE MULTILAYER PIPE TO START BENDING THE PIPE.



FIX THE BENDING SPRING WITH A LANYARD, THAT WILL HELP TO PULL OUT THE SPRING FROM THE PIPE AFTER BENDING.



BEND THE PIPE BY APPLYING A UNIFORM FORCE ACROSS THE WHOLE LENGTH OF THE PIPE SECTION.



PULL THE BENDING SPRING OUT OF THE PIPE: YOU WILL OBTAIN THE REQUIRED CURVE WITH A UNIFORM BEND.

WITH THE OUTSIDE BENDING SPRING YOU SHOULD PROCEED IN A SIMILAR WAY (SLIDE THE BENDING SPRING OVER THE PIPE!).

⚠ TO BE STRICTLY AVOIDED:

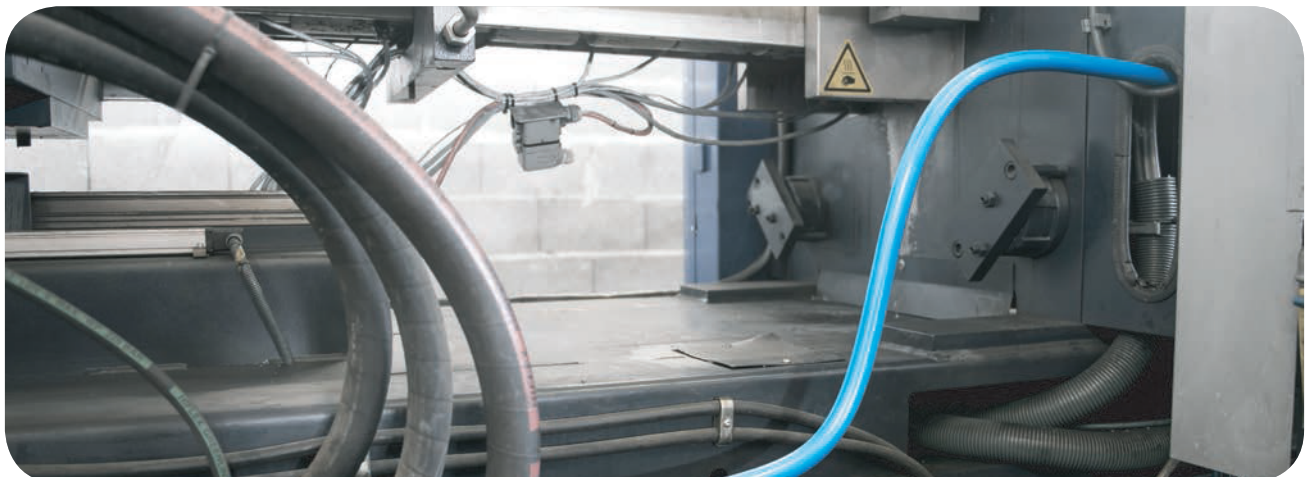
- A. Avoid repeated bending of the multilayer pipe at the same point (risk of damage!).
- B. Avoid bending the pipe with sharp edges (risk of damage of the pipe structure!). Use the appropriate bending springs.
- C. Do not weld, glue, punch or drill the multilayer pipe. Use only appropriate mounting accessories.

Overcoming obstacles

Due to its bendability, the PURESTREAM multilayer pipe will allow you to be able to easily overcome or bypass obstacles in your compressed air piping such as pillars or corners without needing to use elbows.



- ✓ Quick and easy connection e.g. to droplegs, quick branch plugs, aluminium wall mount manifolds or working benches, etc.
- ✓ No need for elbows to connect with the next fitting.
- ✓ Due to the inner and outer bending springs and to the hydraulic bending gun, overcoming corners or creating droplegs will be an easy and fast operation.



Accessories

A wide range of accessories will enable you to work safely to cut, bend and shape your multilayer pipe properly.



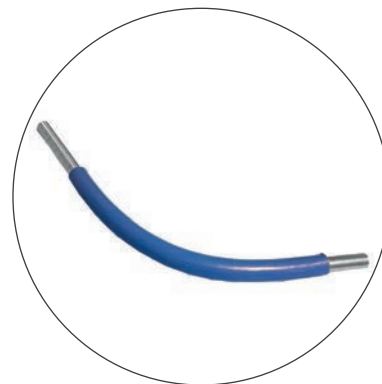
CUTTING SHEAR
[CUTML016025](#)



CALIBRATING AND
CHAMFERING TOOL
[CALML016025](#)



OUTER BENDING
SPRING
[MOLMLEST](#)



INNER BENDING
SPRING
[MOLMLINT](#)



HYDRAULIC PIPE
BENDING GUN
[PIEGTMLS1625](#)



3770B Laird Rd. Unit 2, Mississauga ON. L5L 0A7
Tel: 800-951-0777 Fax: 905-820-3490
www.cagpurification.com