



2024

COMPLETE SOLUTION  
GENUINE QUALITY

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water-assisted Hose

The advantages of

- Gas-assisted molding is no longer used, but a more advanced water-assisted molding process is used.
- Compared with the gas-assisted process of other manufacturers, our machine is from Germany. We are the first plastic pipe AM manufacturer in China to use German water-assisted molding equipment.
- Lexing has perfect reverse development capabilities and performance testing capabilities.



Advantages of water-assisted molding compared to gas-assisted molding

Water-assisted molding is an upgrade to gas-assisted molding because:

1. Water does not penetrate the melt easily, enabling smoother inner surface
2. Water is incompressible, enabling more uniform and thinner wall thickness:

Wall thickness up to 2.5mm

3. Water has a higher cooling effect than gas, enabling faster cooling time in the pipe:

Reduce cooling time by up to 50%



Advantages compared to other water-assisted injection molding competitors

1. Our machines are imported from Germany. Compared with water-assisted injection molding machines made in China, the overall production process is more stable.
- 1.1 The wall thickness is more uniform, which ensures the consistency of pipe diameter, thus better ensuring the cooling efficiency.
- 1.2 The inner wall is smoother and less burrs  
There is no danger of burrs falling into the cooling system.
- 1.3 Fewer pores  
Higher product strength

**COOLANT PIPE**



**COMPETITOR COOLANT PIPE**



Audi



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