

Three-layer PVC pipes with carbon

BUILDING SOLUTIONS

PIPELIFE 



SuperSolidPipe

Next generation three-layer
carbon enriched pipe.

Benefit from improved structure and wide range

Increased resistance is achieved through a three-layer compact wall structure. With SuperSolidPipe, we have three layers, and unlike the massively offered pipes on the market, the middle layer is NOT foamed, but DENSE.

It is extruded using a special technology developed in Austria and enriched with carbon, which makes it extremely resistant to mechanical influences and deformations.

Structured in this way, the wall allows for a wide use of pipes in building construction. The pipes are manufactured according to an internal **standard** of Pipelife **PL1401SL**. The purpose of the standard is to regulate the production of pipes with three-layer compact wall, and with greater ring stiffness (SN). Resistance to cracks and deformations is significantly improved even at low temperatures due to drop or pressure. Pipes with a compact wall have a larger inner diameter, which also results in greater conductivity.

The outer layer of the tube is orange in color, the inner layer is white for better revision in service, and the middle layer is black.

Pipelife optimizes the **SuperSolidPipe** range through different pipe lengths and a better, necessarily rubber-sealed connection! The system comes with a full range of fittings.

| Diameter (mm) | Length (m) | Description | Colour |
|---------------|------------|---|--------|
| 50 | 0,5 | SuperSolidPipe PVC-U pipe, DN50 SN8/0,5m | orange |
| 50 | 1 | SuperSolidPipe PVC-U pipe, DN50 SN8/1m | orange |
| 50 | 2 | SuperSolidPipe PVC-U pipe, DN50 SN8/2m | orange |
| 50 | 3 | SuperSolidPipe PVC-U pipe, DN50 SN8/3m | orange |
| 75 | 3 | SuperSolidPipe PVC-U pipe, DN75 SN4/3m | orange |
| 110 | 1 | SuperSolidPipe PVC-U pipe, DN110 SN2,5/1m | orange |
| 110 | 2 | SuperSolidPipe PVC-U pipe, DN110 SN2,5/2m | orange |
| 110 | 3 | SuperSolidPipe PVC-U pipe, DN110 SN2,5/3m | orange |
| 110 | 3 | SuperSolidPipe PVC-U pipe, DN110 SN4/3m | orange |
| 160 | 3 | SuperSolidPipe PVC-U pipe, DN160 SN4/3m | orange |

+ The technology allows working with the pipe even at 0°C, without this leading to fragility!

+ The maximum length of 3 meters allows the completion of the site with a minimum amount of waste.



Why use a three-layer pipe system?

SuperSolidPipe systems are distinguished by their specific structure made up of an inner and outer smooth layers and an intermediate polyvinyl chloride dense layer. This structure allows with minimal consumption of raw material, respectively low weight, to achieve the required transverse stiffness of the ring $SN \geq 2 \text{ kN/m}^2$, $SN \geq 4 \text{ kN/m}^2$.

The unique feature of the structure is that it guarantees high elasticity of the ring and resistance to dynamic and static loads.

Carbon is the material that improves the behavior of pipes and eliminates the weaknesses of standard PVC pipes.

Why unplasticized polyvinyl chloride?

Unplasticized polyvinyl chloride (PVC-U) gives greater rigidity and strength to the product and reduces the risk of harmful substances from the structure of the material in the water, as observed with plasticized polyvinyl chloride, in which some of the plasticizers can get into the water and further pollute the environment.

That is why non-plasticized polyvinyl chloride (PVC-U) is the natural choice when making polyvinyl chloride building soil pipes.



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Note: The images may differ from actual products.

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