



[www.pipelife.com](http://www.pipelife.com)  
[robustpipe@pipelife.com](mailto:robustpipe@pipelife.com)

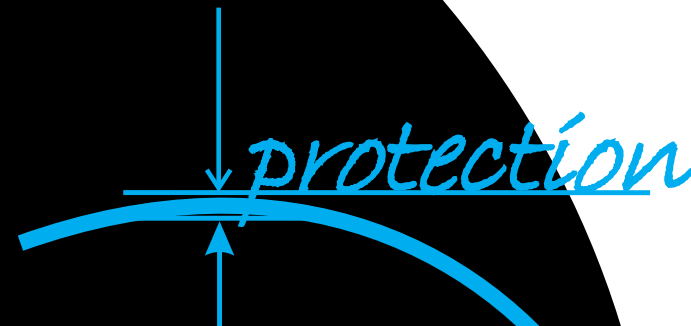


- Plant
- Sales Office

Contact your local company.

Patent registerd.

DVGW type examination certificate.



## MULTILAYER PE PIPE

# MULTILAYER PE PIPE

## ROBUST PIPE

### PIPELIFE

is one of the world's leading suppliers of plastic pipe systems, currently present in 29 countries. We manufacture and market a wide range of quality pipe systems, providing tailor-made solutions for municipal infrastructure as well as for the industrial and house-building sector.

### ROBUST PIPE

is a new PE pipe generation designed to offer significant benefits in terms of cost savings, additional security and speed of installation.

Robust Pipe is a multilayer pipe with an internal wall made of standard PE according to European and local specifications. The outside wall is made of foamed PE and acts as a protective cushion around the internal pipe. It protects the internal pipe from abrasion, scoring and damage from the moment of manufacture right up to installation, and beyond.

Robust Pipe has been designed with particular attention to resistance against rock impingement. The effect of an external layer of foamed PE spreads the stress of rock impingement over a larger area and helps to protect the internal pipe from damage.

### Where to use Robust Pipe?

Robust Pipe can be used for all low pressure applications, such as drinking water, gas distribution, and effluent water. The external colour can be changed to suit local requirements.

In urban areas where installation costs are high and traffic disruption is worst it is an advantage to use Robust Pipe.

Robust Pipe can be used with the most recent trenchless installation technologies. Supplied in coils, or bars to be butt fused to make strings. Robust Pipe can be used in the confidence that the robust layer will absorb most, if not all, of the abrasive forces.

### How to weld?

Welding the Robust Pipe is simple and the pipe can be electrofused either with fittings or butt fused. The process conforms to the EU standard EN 1555.

A special welding tool has been developed by Pipelife to peel back the outer layer and expose the inner layer for welding. The peeling tool is lightweight and easy to use, both for peeling a pipe end, or making a window cut for a saddle. The tool has been designed to prevent damage on the surface of the inner pipe.

Connections to existing pipe work are simple and many transitional fittings already exist for this purpose.

### Why use Robust Pipe?

Installation costs are low comparing with traditional materials. During the design phase an important factor is to consider the speed of installation.

Robust Pipe can be installed without using sand bedding. This impacts the total installation costs, it means soil disposal and sand costs are decreased, and in addition the speed of installation is increased.

**Robust**  
**Original**  
**Best**  
**Unique**  
**Strong**  
**Tough**

## safe & simple

### PRODUCT RANGE

#### ROBUST PIPE PE100 WATER; C=1,25

SDR17; 10 bara and SDR11; 16 bara

#### ROBUST PIPE PE100 GAS; C=2

SDR17; 5 bara and SDR11; 10 bara

D32 mm	100 m Coils
D40 mm	100 m Coils
D50 mm	100 m Coils
D63 mm	100 m Coils
D75 mm	100 m Coils
D90 mm	Coils or straight legths
D110 mm	Coils or straight legths
D125 mm	straight legths
D160 mm	straight legths
D225 mm	straight legths

Colours: Blue, yellow and orange.

Other colours are available on request.

