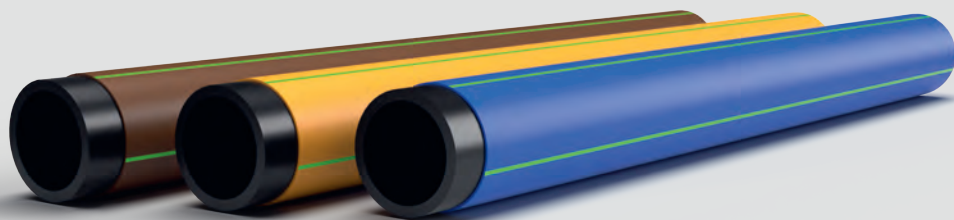


# GEROfit® R Protective jacket pipes

## Robust piping systems for modern installation technologies

Pipe laying using alternative laying technologies minimizes the impact on the environment and infrastructure and saves time and money on the extensive investments. Polyethylene pressure pipe systems can be installed conventionally in open trenches without sand bedding or using the ploughing or milling method as well as trenchless technologies.

GEROfit® R pressure pipes are ideal for time- and cost-saving installation using modern, alternative technologies.



The media-carrying core pipe made of stress crack-resistant PE100-RC ensures the standardized operation as a pressure pipe with a service life of at least 100 years.

The protective jacket made of a modified polyolefin compound, which is applied additively in a multi-stage extrusion process, ensures resistance to the high mechanical stresses (notches and scratches) placed on the pipe during trenchless installation such as HDD, pipe bursting or relining.

### Features

- Tested product quality (DIN CERTCO, depending on application DVGW CERT, DIN EN ISO 9001)
- GEROfit® R media pressure pipe made of stress crack growth resistant PE100-RC
- Type 3 system pipe in accordance with PAS 1075 with additive protective jacket made of modified polyolefin compound
- Proven suitability for butt welding without jacket cut-back
- DIN EN 12201, DIN EN 1555

### Delivery forms

- Straight lengths
- Coils
- Reels

### Pipeline connections by means of

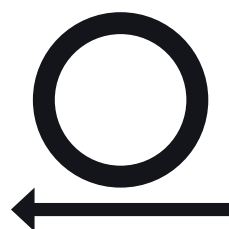
- Butt welding and electrofusion according to DVS
- All other standard PE pipe connections possible (press, push-fit, clamp or flange connections)
- Depending on the type of connection, it may be necessary to cut back the jacket

### Dimensions

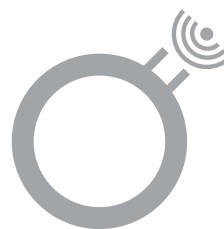
- DN/OD 25mm to 630mm, further on request
- SDR 11 / 17, further on request
- Up to DN/OD 63mm only SDR 11 according to DVGW



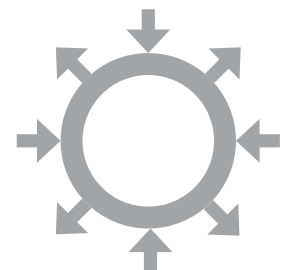
point load resistant



scratch and notch resistant

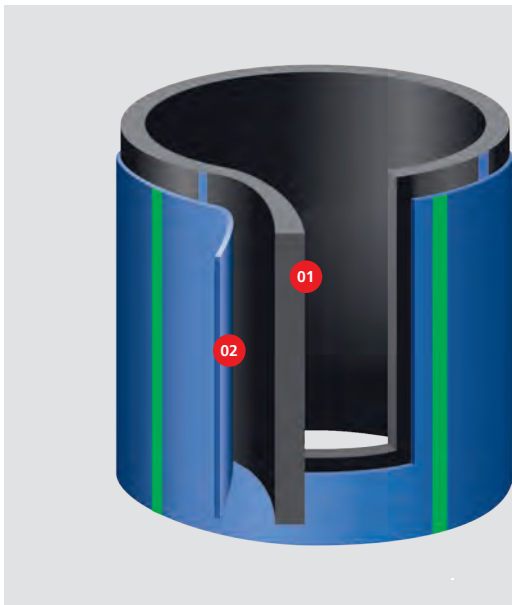


permanently locatable



diffusion-proof

## Pipe construction



Solid protection with **GEROfit® R** even when things get tough.

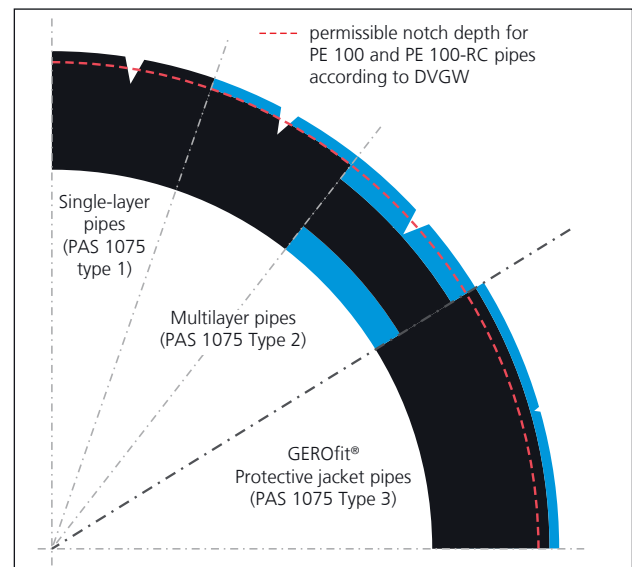
- 01 The inner, media-carrying core pressure pipe is made of resistant PE 100-RC.
- 02 The additive protective jacket made of modified polyolefin compound surrounds the pipe system. It reliably provides permanent protection and prevents the core pipe of scratches and notches.

## Pipe characteristics

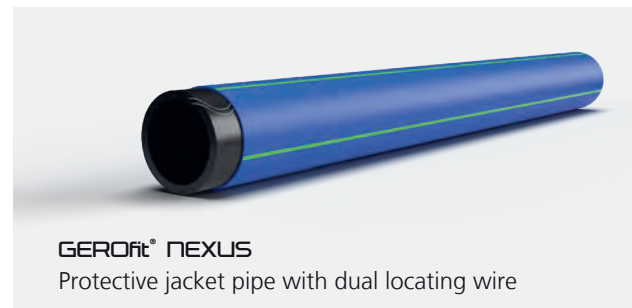
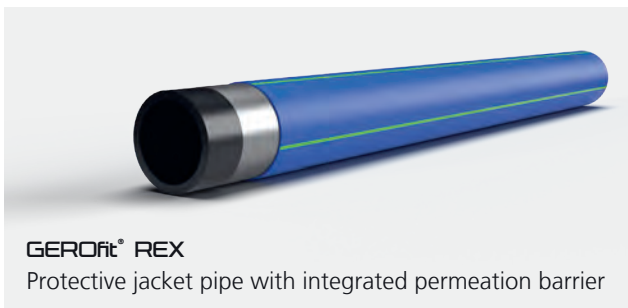
GEROfit® R pipes consist of a stress crack resistant core pipe made of PE100-RC and an outer protective jacket in accordance with PAS 1075. Comprehensive resistance to point loads with sand bed-free installation and slow crack growth over the entire service life of the pipe is guaranteed.

Proof of these material properties is provided by continuous testing and certification in accordance with applicable standards and PAS 1075. GEROfit® R drinking water and gas pipes are also monitored and certified in accordance with DVGW regulations.

The modified GEROfit® jacket materials are tested by penetration and scratch tests in accordance with PAS 1075. Suitability for using alternative or trenchless technologies (in particular for pipe bursting in accordance with DVGW GW 323) is verified.



## GEROfit® protective jacket pipes with functional layers



All information, accessories and processing instructions can be found on our website.

