

## GEROgrip



### Fast connection for successful usage

The GEROgrip push-fit system greatly simplifies the laying of PE pipe systems for drinking water supply. GEROgrip combines the advantages of a proven pressure pipe system with the convenient handling of push-in joints.

- Simple and fast assembly ensures 6-fold time savings
- Weather-independent processing without downtime
- No special equipment or technical aids required
- Factory prefabricated quality conveniently delivered to the construction site
- No welding necessary - yet pressure resistant up to 16 bar
- Secure connection possible even in narrow trenches
- Dirt-repellent and root-resistant due to outer sealing ring

### Naturally easy connection with GEROgrip

Various techniques are used for connecting PE pipes in drinking water pipe systems.

We offer the GEROgrip push-in socket system as a simple, fast way of connecting pipes.

In addition to electrofusion sockets or heating element butt welding, push-in joints are also gaining acceptance in drinking water supply systems.

Plugging is characterized by several advantages: The pipe systems can be connected easily and quickly. This results in shorter laying and processing times on the construction site. Previously adverse weather and temperature influences will hardly play a role in the future. The push-fit system can be laid regardless of weather conditions. No complicated preparatory work is required. Electricity is not needed for joining. Even without special welding training, PE pipes can be joined tightly, safely and quickly.



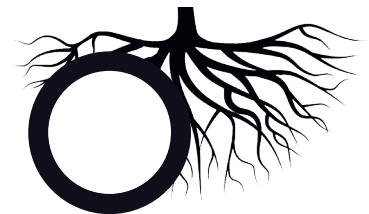
point load resistant



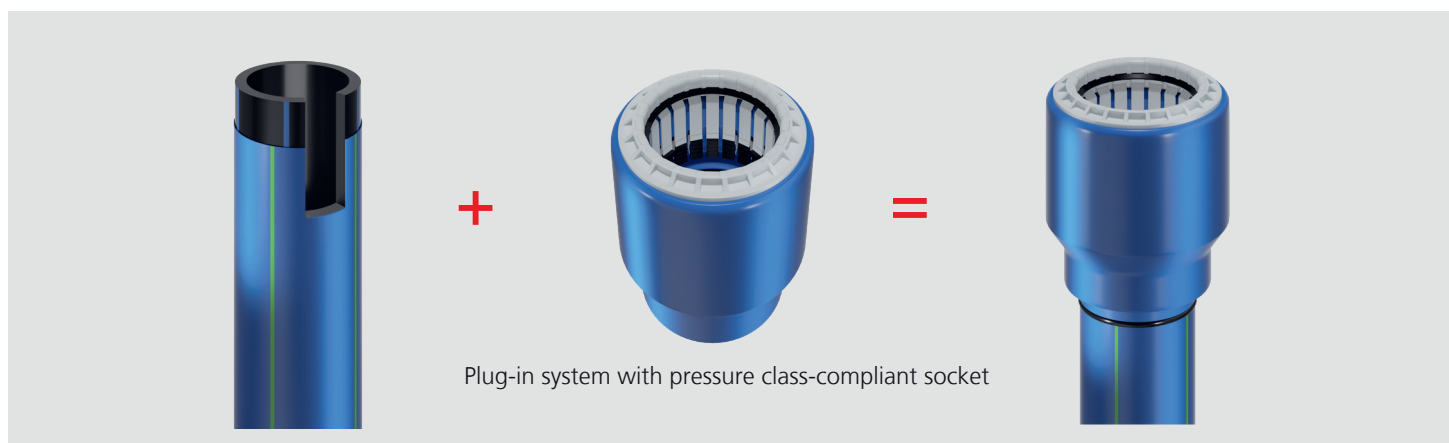
scratch & notch-proof



pressure-proof



root-resistant



### GEROgrip - the solution lies in the detail

GEROgrip is a pipe plug-in system made of polyethylene. We connect the drinking water pressure pipe with a pressure class-compliant push-fit socket at the factory. These pressure pipes with one-sided push-in socket are the basic elements of the push-in pipe system.

We offer GEROgrip in two types: RCprotect® (TYPE 2) with pressure class-compliant and longitudinal force-locking socket made of PE100-RC with inserted EPDM seal and as GEROfit® pipe (TYPE 3).

The socket body is made of extremely crack-resistant material PE 100-RC. Grip-tooth elements made of high-strength plastic provide special tensile strength. A profile ring prevents the ingress of dirt. Spring-loaded individual segments guide the grip elements and generate the necessary radial force.

### The GEROgrip parts fit everywhere

The GEROgrip system provides a diverse range of fittings consisting of flange adapters, T-pieces and bends in various designs. GEROgrip products can withstand pressures of up to 16 bar. The standard dimensions available range from Ø 90 mm to Ø 225 mm. Diameters up to 450 mm are available on request. Thanks to GEROgrip push-in joints, PE pipe systems can be connected quickly and securely - with the same manpower as previously required for pipes made of PVC or cast iron.

### Assortment

- Dimensions
  - pipe outer diameter 90mm to 225mm (250mm to 450mm on request)
  - SDR 11 and 17
- Pressure ratings and weights
  - PN 10 and 16
  - Weights according to GEROgrip technical information „Dimensions and weights“.
- Delivery forms
  - straight length of 3m, 6m and 12m plus socket body

