

# Cast resin technique of **GT**

## Application:

The range of cast resin accessories includes straight joints, branch joints, double branch joints and transition joints.

In order to use the wide application range completely, the joints are delivered without connectors and clamps. But these can be delivered on request.

GT cast resin accessories are longitudinal as well as cross-waterproof.

**All cast resin accessories are suitable for use on PVC-, PE-X (XLP), and PE-insulated lines and cables. We deliver suitable accessories for paper-insulated cables as well.**

**The kits are usable**

- outdoor
- indoor
- in the earth
- in water
- in installation ducts



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## Advantages:

**One system for all voltage ranges:**

- for filling or producing of cable accessories or parts of them for:
- telecommunication and signal cables
- power cables up to 1kV
- power cables up to 10 kV
- GT cast resin is optimally suitable for all applications
- All cast resins are halogen-free
- Transparent mixing bags for controlling the mixing procedure
- Transparent, impact-resistant, self-sealing mold forms



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## Delivery:

The straight and transition joints are equipped with distance holders. Up to size GT 3 with funnel. The series GTZ is a cylindrical form and especially suitable for single-core, signal and telecommunication cables.

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## Cast resin type GA:

The cast resin type GA is a 2-component-polyurethane-cast resin system and meets the standards DIN VDE 0291 part 2. It is rated for nominal voltage up to 10 kV.

The cast resin is delivered in a transparent mixing bag. After removing the protective bag and the separator, the 2 components flow together and must be mixed for about 3 minutes. When the color becomes homogeneous, the resin is ready for use.

**Features:**

- high hydrolysis strength
- CO<sub>2</sub> gas producing < 10 ml (Hydrophobia)
- thin-fluid after mixing
- no deposits of filling material
- excellent adhesive strength on metal and synthetic material
- resistant against UV-rays and chemical influences
- soft and elastic after hardening
- alcalic-resistant
- long storage time

