



New and only from Ostendorf: KG2000 Sealtape

The KG2000 Sealtape is a strong self-adhesive sealing tape with a special outer coating.

The tape consists of a highly flexible polymer film coated on both sides with a special PSA adhesive. This PT REP tape has on one side a special crystalline granulate coating of silicon dioxide, which leads to extreme high adhesion with concrete. The other side of the tape is protected with a silicone film which must be removed immediately before application.

Simply attach and fix the tape around the pipe and physics will do the rest for you!
The KG2000 Sealtape has an extremely high adhesive bond to the plastic pipe and an extremely high adhesion to the concrete or grouting mortar.

Product advantages:

- ✓ Flexible adhesion bond, water-pressure tight (2 bar, KIWA tested)
- ✓ Simple pressing by hand or roller is sufficient
- ✓ One product for all nominal diameters, space saving storage
- ✓ Pressure sensitive glue
- ✓ Reinforced with polymer film
- ✓ Continuous thickness
- ✓ Increased surface structure
- ✓ Granulate coated with crystalline silicon dioxide
- ✓ Waterproof against pressure water
- ✓ Excellent crack bridging properties/characteristics
- ✓ High elasticity
- ✓ Not harmful to the groundwater
- ✓ Radon proof
- ✓ Patent pending

Technical data

- **Basis:** Flexible polymer film
- **Self-adhesive coating (1.):** Pressure sensitive PSA glue
- **Active coating (2.):** Silicium dioxide, mineral and crystalline
- **Color:** grey
- **Application temperature:** > + 5°C to +45°C
- **Weight:** approx. 1000 g/m²
- **Thickness:** approx. 1.0 mm
- **Length:** 15 m
- **Width:** 100 mm

All figures are laboratory values.

Shelf life

- 12 Months (Under cool and dry conditions and in original packaging)

Areas of application:

The KG2000 Sealtape can be used in combination with the following standardized smooth (non-profiled) pipes.

1. DIN EN 1401 solid wall pipes made of PVC-U
2. DIN EN 1852 solid wall pipes made of PP
3. DIN EN 14758 Solid wall pipes made of PP MD
4. DIN EN 12666 Solid wall pipes made of PE
5. DIN EN 13476 Pipes with textured walls and smooth inner and outer surfaces made of PVC-U, PP, PE

These are plastic piping systems for underground non-pressurized sewers and pipes.

Also suitable for pipes made of steel, GRP and vitrified clay, as well as concrete/reinforced concrete.

Form of delivery:

- Item No. 881650
- 4 rolls (15 meters each) in a box, one roll of Sealtape (15 meters) can produce a total of 42 seals for a pipe with an outer diameter of 110 mm.
- Width: 100 mm

Pipe diameter DN/OD in mm	Number of pipe penetrations which can be treated with one Sealtape roll (15 m)
32	136
40	111
50	90
75	61
90	51
110	42
125	37
160	29
200	24
250	19
315	15
400	12
500	9
630	8



The KG2000 Sealtape may be used for all pipe systems from Ostendorf.

Processing instructions

for the **KG2000 Sealtape**

General processing instructions for sealing pipe penetrations with the special KG2000 Sealtape composite technology.

Processing temperature: > + 5°C to +45°C (Ambient/Air temperature)

Pipe subsurface: The target surface must be dry, firm, even, stable and clean. The pipe to be covered must not have any damage, gaps, joints, ribs, waves or cavities.



Clean the **pipe** from dirt and adhesion-reducing components (dust, concrete splashes, grease, etc.) with a clean cloth.



Cut the Sealtape to the desired length:
*Outside diameter pipe x 3,14 (π) + at least 10 mm =
 Length of the Sealtape to be cut in mm.*

Peel off the silicon film and adhere the KG2000 Sealtape to the cleaned pipe. Make sure that the the ends **overlap by approximately 10 mm**.



Fix the KG2000 Sealtape into place and **press** on by hand or with a roller. The weight pressure of the concrete creates a solid, pressurized water-tight connection during concreting. For optimal adhesion and function of the Sealtape, the embedded **pipe must not be moved in any way in regards to its final position**. After concreting and hardening of the concrete, no vibrations, e.g. from chiseling work, must be allowed to act on the pipe along its length.



Ideally, the pipe, including its socket, should **protrude at least 5 cm** from the finished unfinished floor (including screed) in order to enable a proper connection to the rest of the pipe system. With flush concreting, the pipe must not be exposed to vibrations due to chiseling work or other such activities. The pipe must not be exposed to vibrations. Chiseling work along the pipe should always be avoided.

The information provided in this technical data sheet corresponds to the most current state of developments and is based on our experience to the best of our knowledge, and is therefore not binding. It must be adapted to the respective building object and the area of application. The technical advice provided, does not eliminate the requirements for proper planning, processing or inspections. We are liable within the scope of our general delivery and sales conditions. We are not liable for how the end user utilizes our material. The generally recognized rules of technical engineering methods must be observed. If necessary, preliminary tests must be carried out.

