



RottoX Temp

Pressure-tight Dynamic Wall Seals made of high-quality Rottolin



FIELDS OF APPLICATION

The RottoX Temp end seals for pre-insulated pipes are specially developed to provide a pressure-tight seal between carrier and casing pipes.

MATERIAL

Shore hardness: Shore A 50 ° ±5

PROPERTIES

Tensile strength: 11 N/mm²

Elongation at break: 400 %

Tear strength: 27 N/mm²

Operation temperature: 55 °C

schweisbar: only split version

Color: red

SIZE

Dimensions 50 x 125 mm to 1100 x 1200 mm



Civil Engineering



Water



Energy



Oil



Gas



PRODUCT INFORMATION

PROPERTIES

- Due to their high flexibility, the casing end seal allows axial and radial movements between casing and carrier pipe.

FIELDS OF APPLICATION

- Sleeve for sealing pre-insulated pipes or other moving pipes for wall penetrations.

DESCRIPTION

Due to the unique manufacturing process, the seamless production is possible for nearly all pipe combinations and sizes. Installation is very easy due to the pre-formed sleeves. As a result of seamless production, without punched openings, subsequent tensions will not cause cracks. Even the weld seam of the split version has the same properties in the base material, it is hot-plate-welded without any additional materials. This could be carried out on site by our partner. The material Rottolin is also characterized by high durability and flexibility. This is particularly important, for example, when used in acidic soils. Of course, this also applies to the standard STM sleeve for installation on a carrier pipe / casing pipe combination.



NOTES

- For installation in the ground, the sleeve must be covered with an expansion pad, to reduce the pressure of the soil on the sleeve, so that a moving during the backfilling process is still possible.
- To ensure tightness of RottoX Temp, the annular space should not be larger than 70 mm



CERTIFICATES

TEXT

- ZERTIFIKAT_ISO_9001_2015
- AEO-CERTIFICATE Authorized Economic Operator "AEOC (customs simplification)"

VDW® - MFPA Leipzig: Pressure-tight when installed:

RottoX Temp - MFPA Leipzig: Pressure-tight when installed:



 **INSTALLATION**



1 Pull sleeve over the carrier pipe and the casing pipe. The edge of the casing pipe should be chamfered. Install the first strap about 15 mm in front of the end of the casing pipe.

2 Inject the adhesive included in the delivery all round underneath the sleeve.

3 Then install the second strap. Spread leaking adhesive, if necessary.



4 Align the sleeve on the carrier pipe elongated (figure a) or S-shaped (figure b) depending on the extension direction. Then install the first strap about 15 mm away from the rear end.

5 Inject the adhesive underneath the sleeve the way you did with the casing pipe side and install the second strap. Spread leaking adhesive, if necessary.

6 Finally, the sleeve has to be protected by means of an expansion pad.

