

Manhole gasket Top-Seal-Plus-CX

The integrated seal for the Econorm manhole system with integrated load transfer element filled with silica sand as per DIN V 4034-1 and PAS standard 1004.

Benefits

- The **Top-Seal-Plus-CX** is integrated directly in the socket during the production of the manhole rings and is held securely in the concrete by multiple anchors.
- The integrated sand tube serves to transfer vertical loads.
- Infiltration of water of the manhole ring socket is excluded by the position of the anchor feet at the **Top-Seal-PLUS-CX** gasket.
- The **Top-Seal-PLUS-CX** is produced as a hard/soft combination with the co-extrusion method. This method has considerable advantages:
 - Optimal concrete compaction even behind the seal by the hard formwork element.
 - Anchors made of hard elastomer guarantee the secure fit in the concrete.
 - Sand tube made of hard elastomer optimises the load transfer properties.

Top-Seal-Plus-CX are subject to constant inspection by independent third-party institutions. They comply with the requirements of EN 681-1, QR 4060 (FBS quality guideline), PAS standard 1004 of the Econorm manhole system and other applicable quality standards.

Assembly

After the spigot and the socket were cleaned, the necessary lubricant Cordes-GM-95 is applied liberally by hand to the spigot of the manhole ring.

Then place the manhole ring in a centred position. There is no need for any additional load transfer elements as required by DIN 4034-1.

The load transfer element is already integrated in the seal. When the seal is installed on the spigot, the load transfer element will automatically reach its correct position.

Top-Seal-PLUS-CX

Dimensions of the **Econorm manhole system**. One single profile geometry for all nominal diameters.

Nominal diameter DN	H	w
800 - 2500	14.0	10.0 ± 1.4

We can also produce special sizes upon request. Please call us or send us an e-mail.

Contents such as technical specifications, values and dimensions are given to the best of our knowledge, however, without any guarantee and liability. If not specified otherwise, dimensions are given in millimeters. Our General Terms and Conditions shall apply.

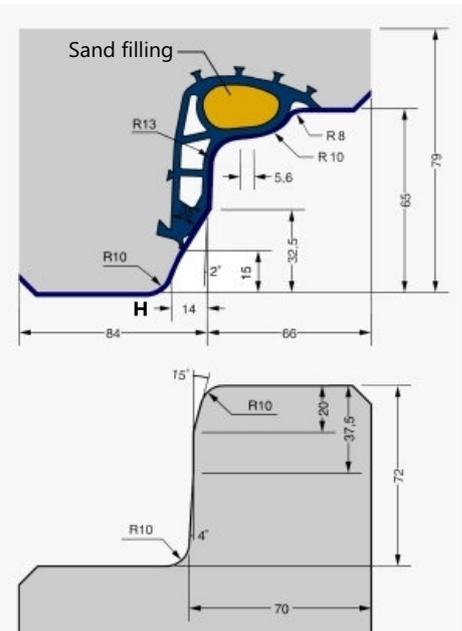


The material

The gaskets are made of Ethylene-Propylene-Diene rubber (EPDM) or Styrene rubber (SBR). Due to their outstanding properties the use of EPDM and SBR has proven to be successful in the field of rain-water and wastewater.

Please note:

When used in conjunction with mineral fuels, such as oils, petrol, etc., we recommend the use of seals made from Nitrile-Butadiene rubber (NBR).



The Econorm manhole system

The top figure shows the position of the pallet ring (blue) during the pipe production.

