



Sealing systems for sewers



Anchor-2000

The integrated **Anchor-2000** socket seal for concrete and reinforced concrete pipes as per EN 1916 and DIN V 1201 as well as FBS quality guideline for normal and deep sockets.

Benefits

- The **Anchor-2000** seal is fixed in the socket, completely lines it and forms a single constructional unit with the concrete pipe.
- This prevents seals from being faulty or left out completely.
- The **Anchor-2000** seal provides for additional safety due to its massive geometry.
- The **Anchor-2000** seal is resistant against shear loads, root-proof and can withstand both internal and external pressure, as well as pressures from pipe cleaning.

The **Anchor-2000** seals are subject to constant inspection by authorized third-party institutions.

They comply with the requirements of EN 1916, EN 681-1, QR 4060 (FBS quality guideline) as well as other applicable quality standards.

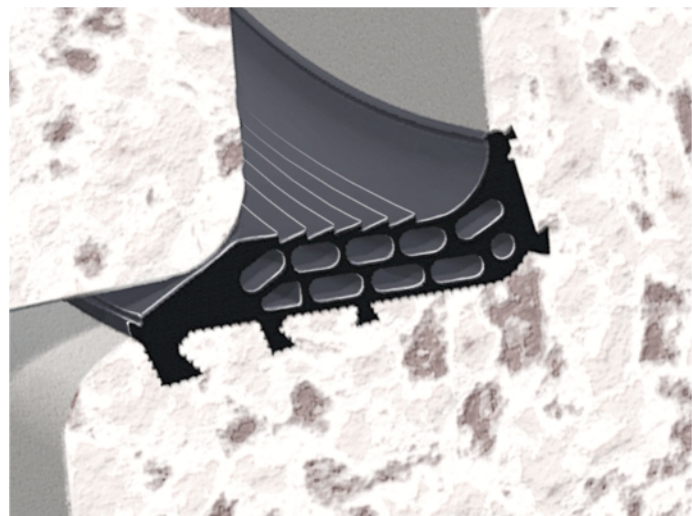
Fabrication of pipes

Mount the **Anchor-2000** seal on the profiled pallet ring and make sure that the seal fits properly. The pallet ring must be free of dirt in the area of the seal. Prior to the compression, fill the pipe form with concrete to above the area of the socket. Then produce the concrete pipe as usual.

After production, place the inner and outer support ring on the spigot and release from the formwork together with the pallet ring only after the concrete is hardened. After the concrete has fully hardened, the pipe is ready for assembly.

Fabrication of pipes

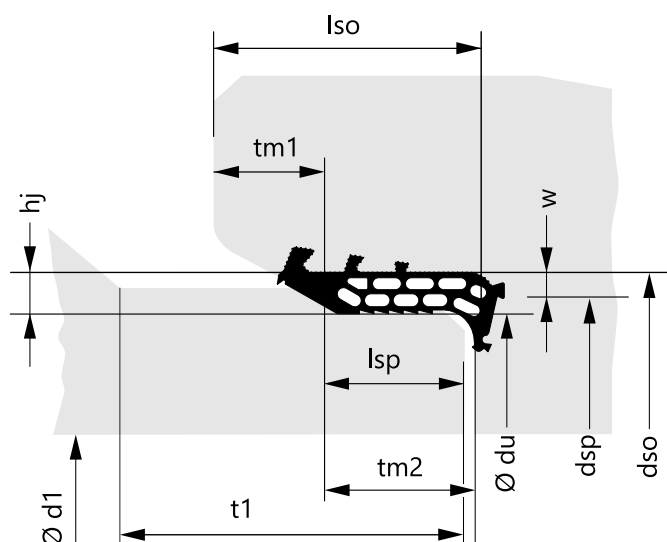
The necessary lubricant Cordes **GM-95** is applied liberally by hand to the spigot of the concrete element, starting at the radius. Observe EN 1610 when laying the pipe.



Material

Anchor-2000 seals are fabricated from styrene butadiene rubber (SBR). The use of SBR has proven its worth in rainwater and wastewater applications due to its excellent sealing characteristics.

Note: We recommend using seals made of nitrile butadiene rubber (NBR) for applications involving mineral fuels such as oils, petrol or similar.





Sealing systems for sewers



Anchor-2000 (Standard socket)

DN=ø d1	ø dsp	ø du	Isp	tm2	t1	tm1	Iso	hj	w
150	206.0	199.4	28	33.0	60	29.0	60	10	6.3 ± 1.0
200	264.0	257.4	28	33.0	60	29.0	60	10	6.3 ± 1.0
250	324.0	315.6	39	43.5	85	38.0	80	12	7.8 ± 1.2
300 N	386.0	377.6	39	43.5	85	38.0	80	12	7.8 ± 1.2
300 S	404.0	395.6	39	43.5	85	38.0	80	12	7.8 ± 1.2
400 N	496.0	486.2	43	49.0	90	38.0	85	14	9.1 ± 1.4
400 S	505.3	495.5	43	49.0	90	38.0	85	14	9.1 ± 1.4
500	610.0	600.2	43	49.0	95	43.0	90	14	9.1 ± 1.4
600	726.0	716.2	43	49.0	95	43.0	90	14	9.1 ± 1.4
700	844.0	831.4	47	54.4	105	45.6	100	18	11.7 ± 1.8
800	962.0	949.4	47	54.4	105	45.6	100	18	11.7 ± 1.8
900	1080.0	1067.4	47	54.4	105	45.6	100	18	11.7 ± 1.8
1000	1198.0	1185.4	47	54.4	105	45.6	100	18	11.7 ± 1.8
1100	1316.0	1303.4	47	54.4	105	45.6	100	18	11.7 ± 1.8
1200	1434.0	1421.4	47	54.4	105	45.6	100	18	11.7 ± 1.8
1300	1552.0	1536.6	58	67.0	130	58.0	125	22	14.3 ± 2.2
1400	1670.0	1654.6	58	67.0	130	58.0	125	22	14.3 ± 2.2
1500	1788.0	1772.6	58	67.0	130	58.0	125	22	14.3 ± 2.2
1600	1760.2	1742.0	69	80.0	150	69.0	145	26	16.9 ± 2.6
1800	1960.2	1942.0	69	80.0	150	69.0	145	26	16.9 ± 2.6
2000	2183.8	2165.0	69	80.0	150	69.0	145	26	16.9 ± 2.6
2400	2602.2	2584.0	69	80.0	150	69.0	145	26	16.9 ± 2.6
2500	2712.2	2694.0	69	80.0	150	69.0	145	26	16.9 ± 2.6
2600	2822.2	2804.0	69	80.0	150	69.0	145	26	16.9 ± 2.6

We can also produce special sizes for both profiles 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 millimetres. Our General Terms and Conditions shall apply.