

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
- The complete missing or use of incorrect seals can therefore be ruled out
- 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 (F85 quality guideline) as well as other applicable quality standards.

Fabrication of pipes

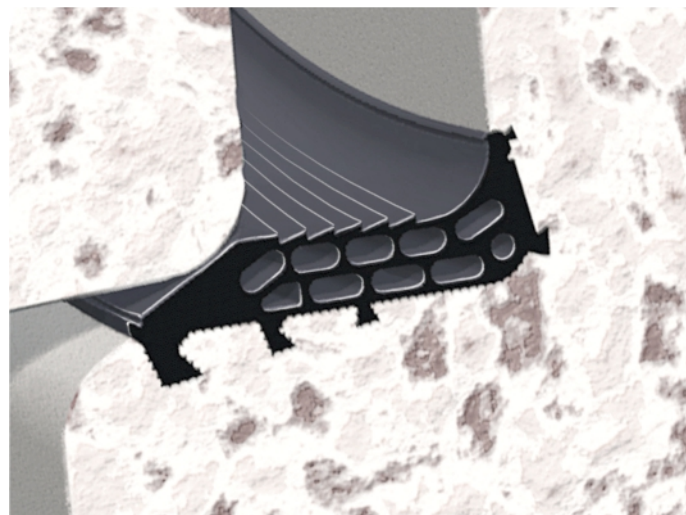
Mount the **Anchor-2000** seal on the profiled pallet ring and make sure that the seal fits properly. The pallet ring must be free of dirt in the area of the seal. Prior to the compression the pipe form has to be filled with concrete to above the **Anchor-2000** gasket in the area of the socket.

Then produce the concrete pipe in the usual way.

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.

Site assembly

The required lubricant **Cordes-GM-95** is applied thickly by hand to the concrete pipe spigot end, starting at the radius. EN 1610 must be observed when laying the pipe.

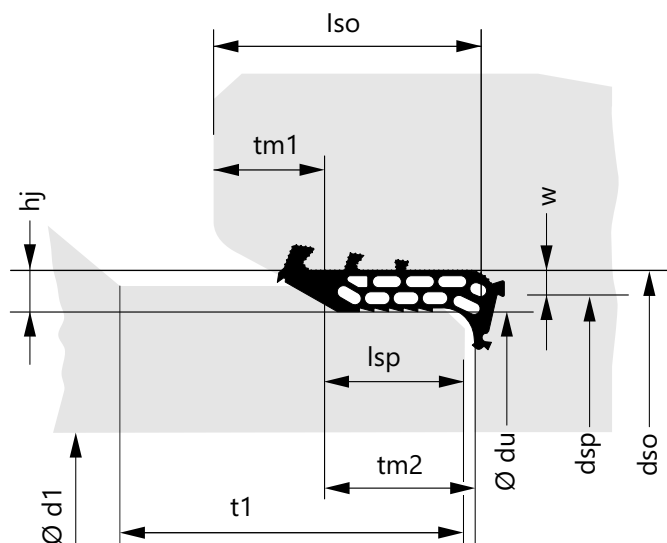


Material

The seals are made of Ethylene-Propylene-Diene rubber (EPDM) or Styrene-Butadiene rubber (SBR).

Due to their excellent properties the use of EPDM and SBR has proven to be successful in rainwater and wastewater applications.

Please note: We recommend using seals made of Nitrile-Butadiene rubber (NBR) for applications involving mineral fuels such as oils, petrol or similar.



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 also produce special sizes upon request. Please call us or email us your inquiry.
We assure you an immediate processing.

