



Sealing systems for sewers



Anchor-DPA

The two part integrated **Anchor-DPA** 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-DPA** seal is positioned securely at the right location in the pipe socket thanks to its dual anchoring, forming a single constructional unit with the concrete pipe. This prevents seals from being faulty or left out completely. The seal is fitted to the pallet ring prior to pipe production by means of a reusable forming ring. After the concrete is hardened, the forming ring is removed from the pipe socket and is ready for reuse.
- This is the most economical way to integrate seals in the concrete pipe socket!
- The self-centering **Anchor-DPA** ensures the problem-free joining of the concrete pipes.
- The **Anchor-DPA** is resistant against shear loads, root-proof and can withstand both internal and external pressure, as well as pressure from pipe cleaning.

Anchor-DPA seals are subject to constant third-party monitoring by independent inspection organizations. They comply with the requirements of EN 1916, EN 681-1, QR-4060 (FBS quality guideline) and other applicable quality standards.

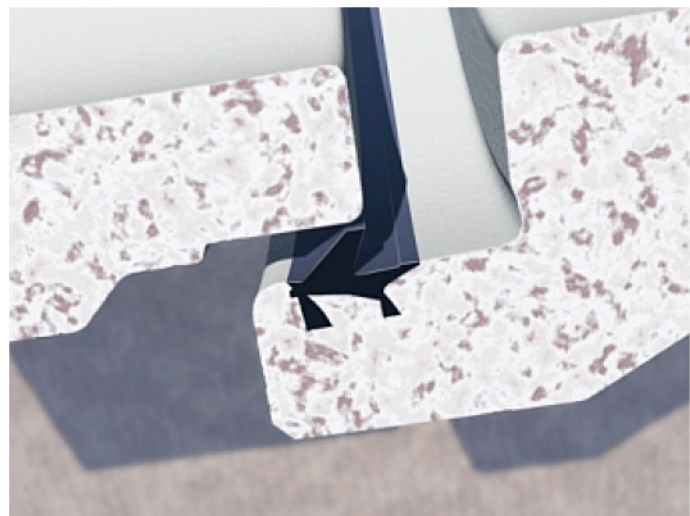
Pipe production

Fit the **Anchor-DPA** on the profiled pallet ring, then fit the reusable forming ring and push the seal into position. Make sure that the seal overlaps the forming ring (See figures 1 and 2)!

The pallet rings must be free of dirt in the area of the seal. Before the compression starts, the pipe form must be filled with concrete to above the area of the socket. Then produce the concrete pipe as usual.

After production, place the inner and outer support rings on the spigot and release from the formwork together with the pallet ring after the concrete has hardened.

The pipes are ready for installation when the formwork is removed and the concrete is completely hardened.



Field assembly

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

Observe EN 1610 when laying the pipes.

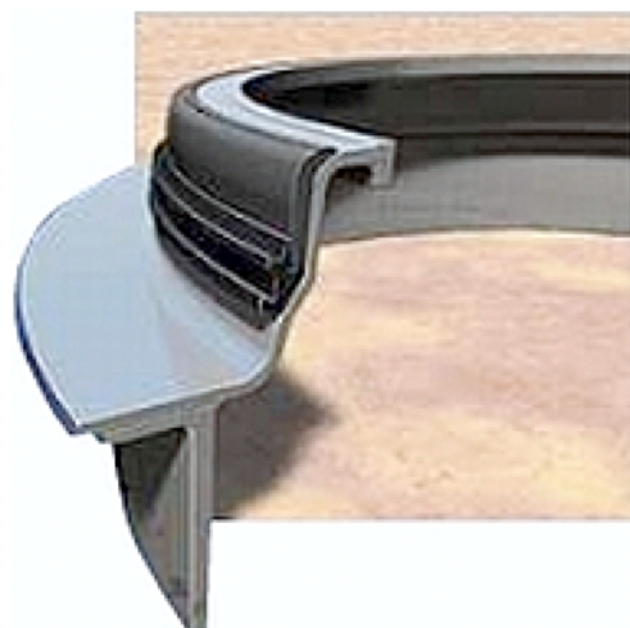
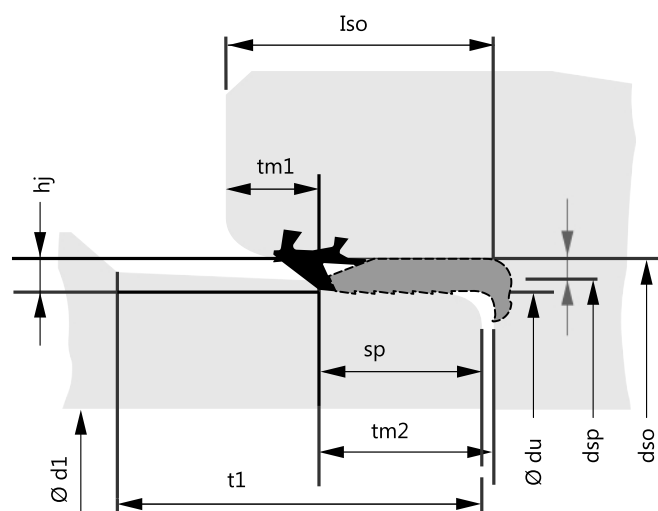
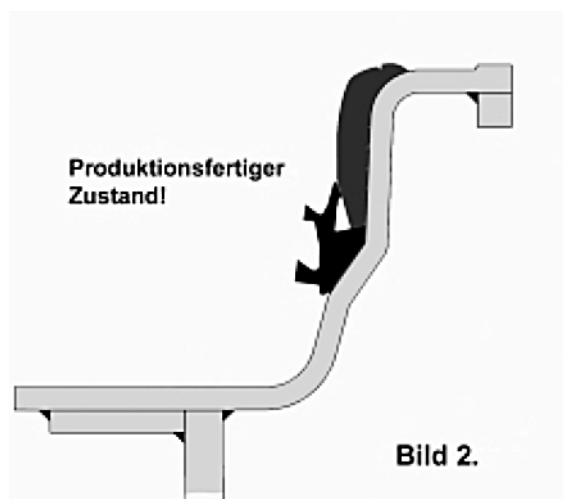
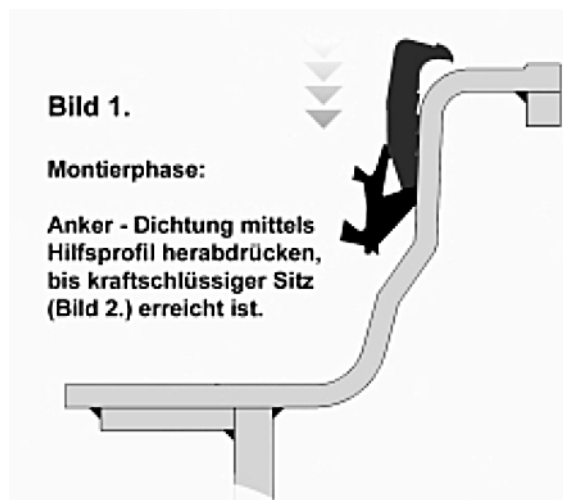
Material

Anchor-DPA 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.



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Anchor-DPA (Standard socket)

DN=ø d1	ø dsp	ø du	Isp	tm2	t1	tm1	Iso	hj	w
300N	386.0	377.6	39	43.5	85	38.0	80	12	7.8 ± 1.2
300S	404.0	395.6	39	43.5	85	38.0	80	12	7.8 ± 1.2
400N	496.0	486.2	43	49.0	90	38.0	85	14	9.1 ± 1.4
400S	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

Anchor-DPA-L (Deep socket)

DN=ø d1	ø dsp	ø du	Isp	tm2	t1	tm1	Iso	hj	w
300	426.0	416.34	49	59.0	105	41.0	100	14	8.9 ± 1.4
400	526.0	516.34	49	59.0	105	41.0	100	14	8.9 ± 1.4
500	626.0	616.34	49	59.0	105	41.0	100	14	8.9 ± 1.4
600	726.0	716.34	49	59.0	105	41.0	100	14	8.9 ± 1.4
700	844.0	831.70	61	71.0	125	49.0	120	18	11.5 ± 1.8
800	962.0	949.70	61	71.0	125	49.0	120	18	11.5 ± 1.8
900	1080.0	1067.70	61	71.0	125	49.0	120	18	11.5 ± 1.8
1000	1198.0	1185.70	61	71.0	125	49.0	120	18	11.5 ± 1.8
1100	1316.0	1300.82	63	73.0	135	57.0	130	22	14.0 ± 2.2
1200	1434.0	1418.82	63	73.0	135	57.0	130	22	14.0 ± 2.2
1300	1552.0	1536.82	63	73.0	135	57.0	130	22	14.0 ± 2.2
1400	1670.0	1654.82	63	73.0	135	57.0	130	22	14.0 ± 2.2
1500	1788.0	1772.82	63	73.0	135	57.0	130	22	14.0 ± 2.2

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.

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