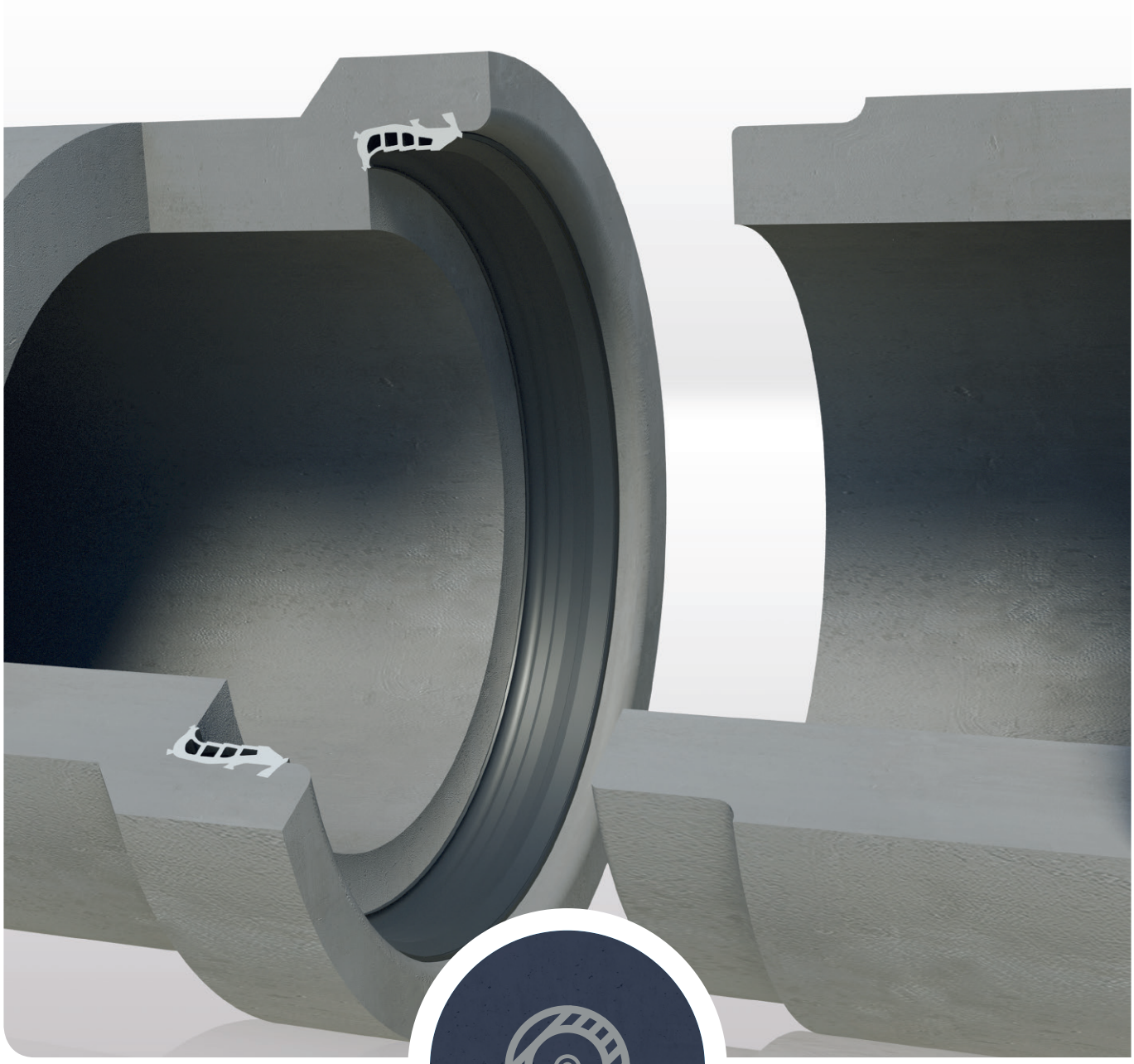
MOL

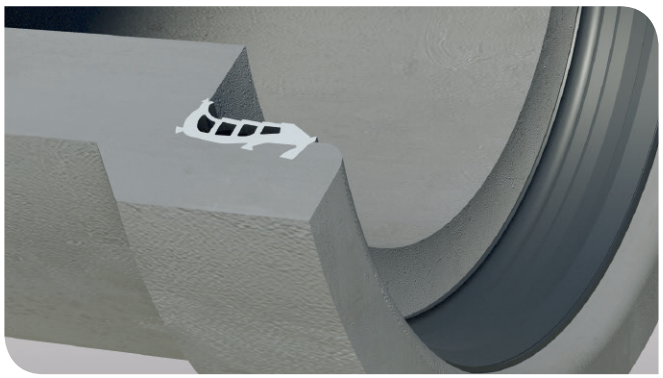
get flexibility

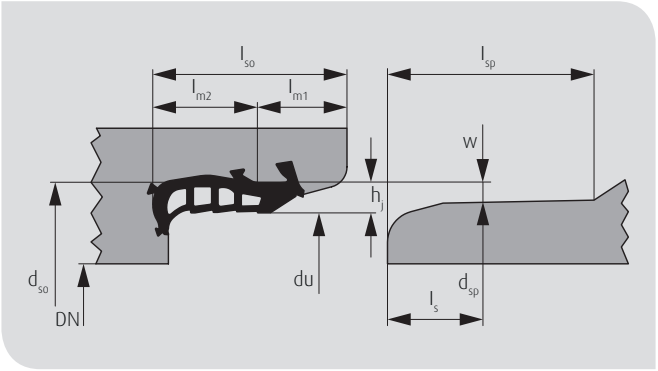


INTEGRA V

for concrete pipes | Ø 300 - 2600 mm

Reliable connection guaranteed in compliance with DIN EN 1916
Meets the requirements of DIN EN 681-1 and FBS quality guideline QR 4060





The M.O.L. INTEGRA V concrete pipe seal is integrated into the socket and guarantees a firm, reliable connection between concrete pipes and reinforced concrete pipes in compliance with DIN EN 1916. In addition the INTEGRA V seal meets the requirements of EN 681-1 and the FBS quality guideline QR 4060®.

Material: The seal is made of SBR (styrene-butadiene rubber) which is ideal for use in sewage systems and complies with the requirements of the DIN EN 681-1 WC 50 standard (hardness 50 ± 5 IRHD). **Our INTEGRA V seal is tested and inspected for quality by MPA NRW (Dortmund) and KIWA Netherlands.**

Pipe manufacture: Fit the INTEGRA V seal onto the cleaned base ring. The base ring should be lightly lubricated. Fill the socket with concrete and then start sealing. Subsequently cast the concrete pipe in the customary manner. After removing the pipe from the form, place the outer and inner support ring onto the spigot and remove from the form with the base ring when the concrete has set. When the concrete has fully set, the spigot and socket pipe with the INTEGRA V seal is ready for use.

Note for pipe installation: Before joining the pipes, grease the spigot and seal thoroughly with a suitable lubricant (also available from M.O.L.). Centre and insert the spigot into the socket and pull the pipes together.

DN	h_j	w	du	Tolerance du	d_{so}	l_{so}	l_{m1}	l_{m2}	d_{sp}	Tolerance d_{sp}	l_{sp}	l_s
150 N	INTEGRA V 10	6,7	199,4	± 0,3	219,4	60	27,5	32,5	206	± 1,5	65	28
150 S	INTEGRA V 10	6,7	213,4	± 0,3	251,4	60	27,5	32,5	220	± 1,5	65	28
200 N	INTEGRA V 10	6,7	257,4	± 0,3	277,4	60	27,5	32,5	264	± 1,5	65	28
200 S	INTEGRA V 10	6,7	263,4	± 0,3	283,4	60	27,5	32,5	270	± 1,5	65	28
250 N	INTEGRA V 12	7,8	315,6	± 0,3	339,6	80	36,5	43,5	324	± 1,8	85	39
250 S	INTEGRA V 12	7,8	341,6	± 0,3	365,6	80	36,5	43,5	350	± 1,8	85	39
300 N	INTEGRA V 12	7,8	377,6	± 0,3	401,6	80	36,5	43,5	386	± 1,8	85	39
300 S	INTEGRA V 12	7,8	395,6	± 0,3	419,6	80	36,5	43,5	404	± 1,8	85	39
400 N	INTEGRA V 14	9,1	486,2	± 0,3	514,2	85	36	49	496	± 2,2	90	43
400 S	INTEGRA V 14	9,1	495,5	± 0,3	523,5	85	36	49	505,3	± 2,2	90	43
500	INTEGRA V 14	9,1	600,2	± 0,3	628,2	90	41	49	610	± 2,2	95	43
600	INTEGRA V 14	9,1	716,2	± 0,3	744,2	90	41	49	726	± 2,2	95	43
700	INTEGRA V 18	11,7	831,4	± 0,6	867,4	100	45,6	54,4	844	± 2,4	105	47
800	INTEGRA V 18	11,7	949,4	± 0,6	985,4	100	45,6	54,4	962	± 2,4	105	47
900	INTEGRA V 18	11,7	1067,4	± 0,6	1103,4	100	45,6	54,4	1080	± 2,4	105	47
1000	INTEGRA V 18	11,7	1185,4	± 0,6	1221,4	100	45,6	54,4	1198	± 2,4	105	47
1100	INTEGRA V 18	11,7	1303,4	± 0,6	1339,4	100	45,6	54,4	1316	± 2,4	105	47
1200	INTEGRA V 18	11,7	1421,4	± 0,6	1457,4	100	45,6	54,4	1434	± 2,4	105	47
1300	INTEGRA V 22	14,3	1536,6	± 0,7	1580,6	125	58	67	1552	± 3,0	130	58
1400	INTEGRA V 22	14,3	1654,6	± 0,7	1698,6	125	58	67	1670	± 3,0	130	58
1500	INTEGRA V 22	14,3	1772,6	± 0,7	1816,6	125	58	67	1788	± 3,0	130	58
ab 1600	INTEGRA V 26	16,9	var.	± 0,8	var.	145	65	80	var.	± 3,6	150	69

Other profiles upon request (all dimensions in mm).

With regard to the material properties given in the tables and diagrams we only guarantee the figures required by the relevant standards. Our product information is supplied to the best of our knowledge. However, we do not accept any legal liability for the contents. Our General Terms and Conditions of Sale are available online at www.mol-elastomer.de.

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