



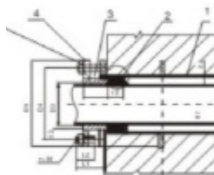
02S404 Flexible Waterproof Sleeve

Flexible wall penetration sleeve | Type A / Type B | 02S404 reference

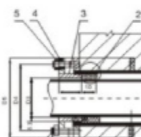


Representative 02S404 flexible waterproof sleeve

Type A - catalog section



Type B - catalog section



Key Technical & Supply Data

Website Product Name	02S404 Flexible Waterproof Sleeve
Reference Standard	02S404 waterproof sleeve construction reference
Catalog Configurations	Flexible waterproof sleeve - Type A and Type B
Catalog DN Range	DN50-DN1000
Application	Civil, general industrial and municipal water-supply and drainage structures; wall penetrations requiring waterproofing and movement accommodation
Service Condition	Suitable where pipe vibration, expansion/deformation or seismic requirements must be considered at the wall penetration
Seal Options	Type I for general waterproofing; Type II for stricter waterproofing requirements
Catalog Temperature	-20 C to 250 C; special requirements are confirmed at order stage
Connection Note	Use a flexible connection where the wall-penetrating pipe connects to pump or supercharger inlet/outlet piping
Custom Production	Non-catalog DN, sleeve length, wall thickness, material and project-specific geometry can be produced to approved drawings

Selection & Installation Notes

- Confirm DN, wall thickness, sleeve length, Type A/B, seal Type I/II, material and site waterproofing requirements before production.
- Installation geometry should match the structural wall and piping layout; do not force pipe misalignment through the sleeve.
- Final dimensions and material configuration are subject to order confirmation and/or approved project drawings.



Catalog Main Dimensions & Weight

Exact Mingchao catalog values for the 02S404 flexible waterproof sleeve. Dimensions are in mm; weight is in kg.

Source blank cells and slash marks are preserved; no missing numerical values are inferred.

DN50-DN1000 - Type A / Type B

DN	D1	D2	D3	D4	D5	I	I0 Type I	I0 Type II	I1	I2	delta1	delta2	delta3	n-M	A wt. Type I	A wt. Type II	B wt. Type I	B wt. Type II
50	60	95	65	145	200	65	28	/	72	30	3.5	4	8	4-M12	14.40	/	14.40	/
65	76	114	80	165	220	65	28	25	72	30	3.75	4	8	4-M12	16.89	17.07	17.18	17.35
80	89	127	95	180	235	65	28	25	76	38	4	4	10	4-M16	21.12	21.31	21.42	21.61
100	108	146	114	200	255	65	28	25	76	38	4	4.5	10	4-M16	24.37	24.58	24.71	24.92
125	133	180	140	235	290	65	28	25	76	38	4	6	10	4-M16	31.92	32.31	32.43	32.82
150	159	203	165	260	315	65	28	25	76	38	4.5	6	10	4-M16	35.77	36.17	36.31	36.72
200	219	265	226	320	375	65	28	25	76	38	6	6	10	4-M16	44.69	45.29	45.29	45.87
250	273	325	280	380	435	65	28	25	76	38	8	8	10	4-M16	59.41	60.22	60.43	61.33
300	325	377	333	435	495	72	28	30	90	46	8	10	10	4-M20	89.37	90.02	90.35	91.14
350	377	426	385	485	545	72	32	30	90	46	10	10	10	4-M20	99.74	100.3	100.7	101.5
400	426	430	435	540	600	72	32	30	90	46	10	10	10	12-M20	114.0	114.8	115.3	116.4
450	480	530	488	590	650	72	32	30	90	46	10	10	10	12-M120	124.1	124.7	/	/
500	530	582	538	645	705	72	32	30	90	46	10	10	10	16-M20	139.3	140.5	/	/
600	630	690	640	755	820	75	32	30	104	54	10	10	12	16-M24	197.2	198.2	/	/
700	720	780	730	845	910	75	40	30	104	54	10	10	12	20-M24	222.6	223.7	/	/
800	820	880	830	950	1020	80	40	40	117	60	10	10	12	20-M27	280.0	282.3	/	/
900	920	980	930	1050	1120	80	40	40	117	60	10	10	12	20-M27	309.6	312.2	/	/
1000	1020	1030	1030	1150	1220	80	40	40	117	60	10	10	12	24-M27	341.1	344.0	/	/

Catalog & Project Notes

The catalog publishes Type A and Type B flexible waterproof sleeve dimensions across DN50-DN1000, with Type I / Type II seal variants and corresponding catalog weights where listed.

For sizes, wall thicknesses, sleeve lengths, sealing arrangements, materials or structural conditions outside the catalog table, production data is confirmed after technical review and approved drawing.

For detailed technical requirements, custom configurations or project questions, please contact us.