© TESHI GROUP · CONTROLLED COPY — NOT FOR REPRODUCTION · ✉ info@teshigroup.com · ✉ sales@teshigroup.com · WhatsApp +91 78900 09110 · www.teshigroup.com

DIMENSIONAL STANDARD · ASME B16.9

ASME B16.9 Pipe Cap Weight Chart (kg)

ASME B16.9 butt weld pipe cap weight chart in kg for SCH 10S, 20, STD, 40, XS and 80, NPS ½ to 48.

This chart gives approximate **ASME B16.9 butt weld pipe cap weights** in kilograms by wall schedule, SCH 10S to SCH 80.

Teshi Group manufactures these fittings in India in carbon, low-temperature, alloy, stainless, duplex and nickel-alloy grades, with EN 10204 3.1 certificates.

kg Approximate weight per piece by wall schedule or class

Butt weld pipe cap — weight by schedule (kg)

NPS	DN	SCH10S kg	SCH20 kg	STD kg	SCH40 kg	XS kg	SCH80 kg
1/2"	15	0.03	—	0.04	0.04	0.06	0.06
3/4"	20	0.04	—	0.05	0.05	0.07	0.07
1"	25	0.09	—	0.12	0.12	0.15	0.15
1 1/4"	32	0.12	—	0.15	0.15	0.22	0.22
1 1/2"	40	0.13	—	0.18	0.18	0.25	0.25
2"	50	0.17	—	0.25	0.25	0.36	0.36
2 1/2"	65	0.24	—	0.42	0.42	0.6	0.6
3"	80	0.38	—	0.69	0.69	0.98	0.98
3 1/2"	90	0.52	—	1.05	1.05	1.5	1.5
4"	100	0.61	—	1.2	1.2	1.75	1.75
5"	125	1.05	—	2	2	2.95	2.95
6"	150	1.42	—	3.1	3.1	4.6	4.6
8"	200	2.5	4.25	5.3	5.3	8.2	8.2
10"	250	4.18	6.4	9.35	9.35	13	17.6
12"	300	6.5	9.98	13.9	15.2	18.5	29.2
14"	350	8.6	14.5	17.6	21	22.9	39.5
16"	400	7.98	17.9	22	26.8	28.6	54
18"	450	9.08	22.7	28	44	36.7	79
20"	500	12.5	33.8	33.8	56	44.6	106
22"	550	22.9	39.5	39.5	—	52.5	120
24"	600	17.5	47.6	47.6	95	63	181
26"	650	—	68.5	51	—	68.5	—
28"	700	—	77	58.4	—	77	—
30"	750	52.5	85	64	—	85	—
32"	800	—	96	75	130	96	—
34"	850	—	109	82	150	109	—

NPS	DN	SCH10S kg	SCH20 kg	STD kg	SCH40 kg	XS kg	SCH80 kg
36"	900	—	120	91	178	120	—
38"	950	—	—	99	—	130	—
40"	1000	—	—	106	—	142	—
42"	1050	—	—	115	—	150	—
44"	1100	—	—	132	—	172	—
46"	1150	—	—	140	—	186	—
48"	1200	—	—	152	—	199	—

Notes

- Weights are approximate net weights per piece in kg for carbon steel, for estimation, freight and packing only. For austenitic stainless steel multiply by about 1.01–1.02.
- Reference values for estimation and checking. Verify against the current edition of the standard and the purchase specification before design, purchase or fabrication.

Reference information compiled from the published standard for convenience. It does not replace the current edition of the governing standard, which takes precedence. Verify critical dimensions before design, purchase or fabrication. Teshi Engineers & Sales Promoters (P) Ltd accepts no liability for errors or omissions. Online version: https://teshigroup.com/dimensional-standards/asme-b16-9-cap-weight-chart/