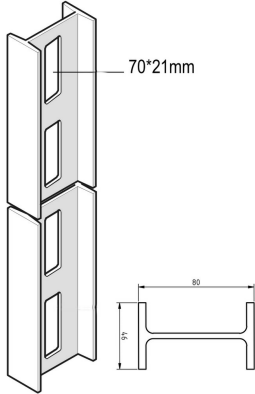


HDPIPE80S

Perforated I-profile



Reference	↑ mm	↔ mm	→ ← mm	↔ mm	kg/m	📦	Unit
HDPIPE80S	80	46		6000	5,610	6	M

Moment of resistance: $W_x = 19.96 \text{ cm}^3$.
 Protection cap in yellow PVC: DOPIPE80. 'Load tables' can be found under mounting principle.

L [mm]	Fmax [kN]	Deflection [mm]	Maximal Allowable deflection [mm]	Fmax [kN] for L/200
250	74.73	0.23	1.25	41.15
300	77.97	0.24	1.50	39.01
350	14.00	0.27	1.75	14.72
400	11.24	1.27	2.00	11.61
450	8.75	2.13	2.25	8.70
500	7.87	3.27	2.50	7.52
550	6.95	4.67	2.75	6.46
600	6.20	6.41	3.00	5.66
650	4.84	8.29	3.25	4.24
700	4.84	8.43	3.50	4.24
750	3.81	10.7	3.75	3.20
800	3.23	12.39	4.00	2.79
850	3.82	14.19	4.25	3.29
900	3.09	16.18	4.50	2.66
950	2.94	18.18	4.75	2.54
1000	2.45	21.36	5.00	2.11
1050	2.45	23.63	5.25	2.13
1100	2.33	26.31	5.50	2.09
1150	2.15	29.7	5.75	1.98
1200	2.02	33.1	6.00	1.87
1250	1.91	36.74	6.25	1.86
1300	1.82	40.39	6.50	1.83
1350	1.75	44.53	6.75	1.82
1400	1.67	44.85	7.00	1.80

Atkore
Vergokan

Profile type IPE80S

Maximal allowable deflection L/200

Max. span 20.7 m

Sp. 2.1 m

W. 80 cm

W. 8 cm

Weight profile 58.1 kg/m

Prod. weight 528.2 kg/m

Self weight 1.7

Load scenario

For questions please contact your local representative.

L [mm]	Fmax [kN]	Deflection [mm]	Maximal Allowable deflection [mm]	Fmax [kN] for L/200
250	1.01	0.17	1.25	1.00
300	4.06	0.59	1.50	4.09
350	3.36	1.12	1.75	3.69
400	2.95	1.68	2.00	3.29
450	3.07	2.33	2.25	3.03
500	3.28	3.04	2.50	3.06
550	3.06	3.79	2.75	2.81
600	3.06	4.57	3.00	2.81
650	2.90	5.39	3.25	2.76
700	2.70	6.24	3.50	2.67
750	2.51	7.12	3.75	2.47
800	2.34	8.03	4.00	2.49
850	2.17	8.97	4.25	2.25
900	2.07	9.94	4.50	2.00
950	1.97	10.93	4.75	1.77
1000	1.87	11.94	5.00	1.54
1050	1.77	12.97	5.25	1.31
1100	1.67	14.02	5.50	1.08
1150	1.57	15.09	5.75	0.85
1200	1.47	16.18	6.00	0.62
1250	1.37	17.29	6.25	0.39
1300	1.27	18.41	6.50	0.16
1350	1.17	19.54	6.75	0.09
1400	1.07	20.68	7.00	0.02

Atkore
Vergokan

Profile type IPE80S

Maximal allowable deflection L/200

Max. span 20.9 cm

Sp. 2.1 m

W. 80 cm

W. 8 cm

Weight profile 58.1 kg/m

Prod. weight 528.2 kg/m

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