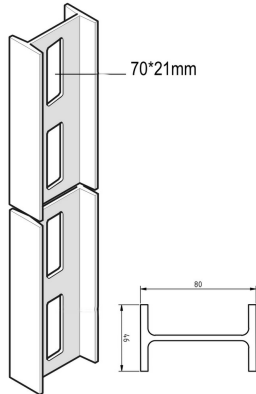


HDPIPE80S

Profil en I perforé



Référence	↑↓ mm	↔ mm	→ ← mm	↔ mm	kg/m		Unité
HDPIPE80S	80	46		6000	5,610	6	M

Moment de résistance: $W_x = 19,96 \text{ cm}^3$.

Embout de protection en PVC jaune: DOPIPE80. 'Load tables' disponible sous principe de montage.

Maximal point loads (X-X)

L [mm]	Fmax [kN]	Deflection [mm]	Maximal Allowable deflection [mm]	Fmax [kN] for L/200
250	74,73	6,03	1,75	43,15
300	77,97	6,74	2,01	44,97
350	81,20	7,45	2,27	46,79
400	84,44	8,17	2,53	48,61
450	87,67	8,88	2,79	50,43
500	90,91	9,59	3,05	52,25
550	94,14	10,30	3,31	54,07
600	97,38	11,01	3,57	55,89
650	100,61	11,72	3,83	57,71
700	103,85	12,43	4,09	59,53
750	107,08	13,14	4,35	61,35
800	110,32	13,85	4,61	63,17
850	113,55	14,56	4,87	64,99
900	116,79	15,27	5,13	66,81
950	120,02	15,98	5,39	68,63
1000	123,26	16,69	5,65	70,45
1050	126,49	17,40	5,91	72,27
1100	129,73	18,11	6,17	74,09
1150	132,96	18,82	6,43	75,91
1200	136,20	19,53	6,69	77,73
1250	139,43	20,24	6,95	79,55
1300	142,67	20,95	7,21	81,37
1350	145,90	21,66	7,47	83,19
1400	149,14	22,37	7,73	85,01
1450	152,37	23,08	7,99	86,83
1500	155,61	23,79	8,25	88,65
1550	158,84	24,50	8,51	90,47
1600	162,08	25,21	8,77	92,29
1650	165,31	25,92	9,03	94,11
1700	168,55	26,63	9,29	95,93
1750	171,78	27,34	9,55	97,75
1800	175,02	28,05	9,81	99,57
1850	178,25	28,76	10,07	101,39
1900	181,49	29,47	10,33	103,21
1950	184,72	30,18	10,59	105,03
2000	187,96	30,89	10,85	106,85

Atkore

Profile type IPE80S

Maximal allowable deflection L/200

Properties

- Area: 20,7 cm²
- I_{xx}: 21,2 cm⁴
- I_{yy}: 92 cm⁴
- I_{xy}: 8 cm⁴
- Weight profile: 56,1 N/m
- Product weight: 528,2 N/m
- Self-weight: 1,7

Load scenario

For quantities please contact your local representative.

Maximal distributed loads Unistrut profiles (Y-Y)

L [mm]	Fmax [kN]	Deflection [mm]	Maximal Allowable deflection [mm]	Fmax [kN] for L/200
250	1,08	0,17	1,75	1,02
300	4,06	0,59	2,01	4,09
350	5,36	1,12	2,27	5,09
400	7,05	1,68	2,53	6,79
450	8,74	2,24	2,79	8,49
500	10,43	2,80	3,05	10,19
550	12,12	3,36	3,31	11,89
600	13,81	3,92	3,57	13,59
650	15,50	4,48	3,83	15,29
700	17,19	5,04	4,09	16,99
750	18,88	5,60	4,35	18,69
800	20,57	6,16	4,61	20,39
850	22,26	6,72	4,87	22,09
900	23,95	7,28	5,13	23,79
950	25,64	7,84	5,39	25,49
1000	27,33	8,40	5,65	27,19
1050	29,02	8,96	5,91	28,89
1100	30,71	9,52	6,17	30,59
1150	32,40	10,08	6,43	32,29
1200	34,09	10,64	6,69	33,99
1250	35,78	11,20	6,95	35,69
1300	37,47	11,76	7,21	37,39
1350	39,16	12,32	7,47	39,09
1400	40,85	12,88	7,73	40,79
1450	42,54	13,44	7,99	42,49
1500	44,23	14,00	8,25	44,19
1550	45,92	14,56	8,51	45,89
1600	47,61	15,12	8,77	47,59
1650	49,30	15,68	9,03	49,29
1700	50,99	16,24	9,29	50,99
1750	52,68	16,80	9,55	52,69
1800	54,37	17,36	9,81	54,39
1850	56,06	17,92	10,07	56,09
1900	57,75	18,48	10,33	57,79
1950	59,44	19,04	10,59	59,49
2000	61,13	19,60	10,85	61,19

Atkore

Profile type IPE80S

Maximal allowable deflection L/200

Properties

- I_{xx}: 21,2 cm⁴
- I_{yy}: 21,2 cm⁴
- I_{xy}: 8 cm⁴
- Weight profile: 56,1 N/m
- Product weight: 528,2 N/m
- Self-weight: 1,7

Load scenario

For quantities please contact your local representative.