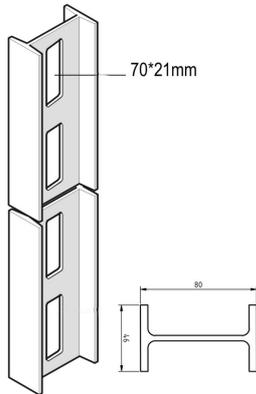


HDPIPE80S

I-Profil perforiert



Referenz	↑ mm	↔ mm	→ ← mm	↔ mm	kg/m		Einheit
HDPIPE80S	80	46		6000	5,610	6	M

Widerstandsmoment: $W_x = 19,96 \text{ cm}^3$.

Schutzkappe in gelber PVC Ausführung: DOPIPE80. 'Load tables' finden Sie unter montageprinzip.

Maximal point loads (X-X)

L [mm]	Fmax [kN]	Deflection [mm]	Maximal Allowable deflection [mm]	Fmax [kN] for L/200
250	74,73	6,43	3,21	45,15
300	77,97	6,74	3,37	47,07
350	81,20	7,07	3,53	49,00
400	84,44	7,42	3,70	51,02
450	8,77	7,78	3,87	53,05
500	9,10	8,15	4,04	55,08
550	9,43	8,52	4,21	57,11
600	9,76	8,90	4,38	59,14
650	10,09	9,28	4,55	61,17
700	10,42	9,66	4,72	63,20
750	10,75	10,04	4,89	65,23
800	11,08	10,42	5,06	67,26
850	11,41	10,80	5,23	69,29
900	11,74	11,18	5,40	71,32
950	12,07	11,56	5,57	73,35
1000	12,40	11,94	5,74	75,38
1050	12,73	12,32	5,91	77,41
1100	13,06	12,70	6,08	79,44
1150	13,39	13,08	6,25	81,47
1200	13,72	13,46	6,42	83,50
1250	14,05	13,84	6,59	85,53
1300	14,38	14,22	6,76	87,56
1350	14,71	14,60	6,93	89,59
1400	15,04	14,98	7,10	91,62
1450	15,37	15,36	7,27	93,65
1500	15,70	15,74	7,44	95,68
1550	16,03	16,12	7,61	97,71
1600	16,36	16,50	7,78	99,74
1650	16,69	16,88	7,95	101,77
1700	17,02	17,26	8,12	103,80
1750	17,35	17,64	8,29	105,83
1800	17,68	18,02	8,46	107,86
1850	18,01	18,40	8,63	109,89
1900	18,34	18,78	8,80	111,92
1950	18,67	19,16	8,97	113,95
2000	19,00	19,54	9,14	115,98

Profile type IPE80S

Maximal allowable deflection: L/200

Properties:

- Area: 20,7 cm²
- I_{xx}: 21,2 cm⁴
- I_{yy}: 9,0 cm⁴
- I_{xy}: 8,2 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	0,08	0,54
300	4,06	0,59	0,30	2,03
350	5,36	1,12	0,57	2,69
400	7,05	1,68	0,84	3,53
450	9,12	2,27	1,13	4,56
500	11,57	2,89	1,44	5,78
550	14,40	3,54	1,76	7,19
600	17,61	4,22	2,10	8,79
650	21,19	4,93	2,46	10,58
700	25,14	5,67	2,83	12,57
750	29,46	6,44	3,22	14,76
800	34,15	7,24	3,62	17,15
850	39,21	8,06	4,04	19,74
900	44,64	8,91	4,47	22,53
950	50,44	9,78	4,92	25,52
1000	56,61	10,68	5,38	28,71
1050	63,14	11,60	5,86	32,10
1100	70,03	12,54	6,35	35,69
1150	77,28	13,51	6,86	39,48
1200	84,89	14,50	7,38	43,47
1250	92,86	15,51	7,91	47,66
1300	101,19	16,54	8,46	52,05
1350	109,88	17,59	9,02	56,64
1400	118,93	18,66	9,60	61,43
1450	128,34	19,75	10,19	66,42
1500	138,11	20,86	10,80	71,61
1550	148,24	21,99	11,42	77,00
1600	158,73	23,14	12,06	82,59
1650	169,58	24,31	12,71	88,38
1700	180,79	25,50	13,38	94,37
1750	192,36	26,71	14,06	100,66
1800	204,29	27,94	14,76	107,25
1850	216,58	29,19	15,47	114,14
1900	229,23	30,46	16,20	121,33
1950	242,24	31,75	16,94	128,82
2000	255,61	33,06	17,70	136,61

Profile type IPE80S

Maximal allowable deflection: L/200

Properties:

- I_{xx}: 21,2 cm⁴
- I_{yy}: 9,0 cm⁴
- I_{xy}: 8,2 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.