



PERFORMANCE SERIES

Weights and Breaking Loads – class A galvanized

GALVANIZED STRAND PERFORMANCE SERIES 1000® ASTM A-586 grade 1

GALVANIZED STRAND PERFORMANCE SERIES 1000UHS® ASTM A-586 grade 2

GALVANIZED ROPE ASTM A-603

Diameter Inches (mm)	Min. Breaking Load - tons (kN)	Approx. Weight lbs/ft (kg/m)	Min. Breaking Load - tons (kN)	Approx. Weight lbs/ft (kg/m)	Min. Breaking Load - tons (kN)	Approx. Weight lbs/ft (kg/m)
1/2 (12.7)	15.0 (133)	0.52 (0.77)	17.3 (154)	0.52 (0.77)	11.5 (102)	0.42 (0.62)
9/16 (14.3)	19.0 (169)	0.66 (0.98)	21.9 (195)	0.66 (0.98)	14.5 (129)	0.53 (0.79)
5/8 (15.9)	24.0 (213)	0.82 (1.22)	27.6 (245)	0.82 (1.22)	18.0 (160)	0.65 (0.97)
11/16 (17.5)	29.0 (258)	0.99 (1.47)	33.4 (297)	0.99 (1.47)	21.5 (191)	0.79 (1.18)
3/4 (19.1)	34.0 (302)	1.2 (1.79)	39.1 (348)	1.2 (1.79)	26.0 (231)	0.95 (1.41)
13/16 (20.6)	40.0 (356)	1.4 (2.08)	46.0 (409)	1.4 (2.08)	30.0 (267)	1.10 (1.64)
7/8 (22.2)	46.0 (409)	1.6 (2.38)	52.9 (471)	1.6 (2.38)	35.0 (311)	1.28 (1.90)
15/16 (23.8)	54.0 (480)	1.9 (2.83)	62.1 (552)	1.9 (2.83)	40.0 (356)	1.47 (2.19)
1 (25.4)	61.0 (543)	2.1 (3.13)	70.2 (625)	2.1 (3.13)	45.7 (407)	1.67 (2.49)
1-1/16 (27.0)	69.0 (614)	2.4 (3.57)	79.4 (706)	2.4 (3.57)		
1-1/8 (28.6)	78.0 (694)	2.7 (4.02)	89.7 (798)	2.7 (4.02)	57.8 (514)	2.11 (3.14)
1-3/16 (30.2)	86.0 (765)	3.0 (4.47)	98.9 (880)	3.0 (4.47)		
1-1/4 (31.8)	96.0 (854)	3.3 (4.91)	110 (979)	3.3 (4.91)	72.2 (642)	2.64 (3.93)
1-5/16 (33.3)	106 (943)	3.6 (5.36)	122 (1085)	3.6 (5.36)		
1-3/8 (34.9)	116 (1032)	4.0 (5.95)	133 (1183)	4.0 (5.95)	87.8 (781)	3.21 (4.48)
1-7/16 (36.5)	126 (1121)	4.3 (6.40)	145 (1290)	4.3 (6.40)		
1-1/2 (38.1)	138 (1228)	4.7 (7.00)	159 (1415)	4.7 (7.00)	104 (925)	3.82 (5.69)
1-9/16 (39.7)	150 (1335)	5.1 (7.59)	173 (1539)	5.1 (7.59)		
1-5/8 (41.3)	162 (1441)	5.6 (8.34)	186 (1655)	5.6 (8.34)	123 (1094)	4.51 (6.71)
1-11/16 (42.9)	176 (1566)	6.0 (8.93)	202 (1797)	6.0 (8.93)		
1-3/4 (44.4)	188 (1673)	6.4 (9.53)	216 (1922)	6.4 (9.53)	143 (1272)	5.24 (7.80)
1-13/16 (46.0)	202 (1797)	6.9 (10.3)	232 (2064)	6.9 (10.3)		
1-7/8 (47.6)	216 (1922)	7.4 (11.0)	248 (2206)	7.4 (11.0)	164 (1459)	6.03 (8.98)
1-15/16 (49.2)	230 (2046)	7.9 (11.8)	265 (2358)	7.9 (11.8)		
2 (50.8)	245 (2180)	8.4 (12.5)	282 (2509)	8.4 (12.5)	186 (1655)	6.85 (10.2)
2-1/16 (52.4)	261 (2322)	8.9 (13.2)	300 (2669)	8.9 (13.2)		
2-1/8 (54.0)	277 (2464)	9.5 (14.1)	319 (2838)	9.5 (14.1)	210 (1868)	7.73 (11.5)
2-3/16 (55.6)	293 (2607)	10 (14.9)	337 (2998)	10 (14.9)		
2-1/4 (57.1)	310 (2758)	11 (16.4)	357 (3176)	11 (16.4)	235 (2091)	8.66 (12.9)
2-5/16 (58.7)	327 (2909)	11 (16.4)	376 (3345)	11 (16.4)		
2-3/8 (60.3)	344 (3060)	12 (17.9)	396 (3523)	12 (17.9)	261 (2322)	9.61 (14.3)
2-7/16 (61.9)	360 (3203)	12 (17.9)	414 (3683)	12 (17.9)		
2-1/2 (63.5)	376 (3345)	13 (19.4)	432 (3843)	13 (19.4)	288 (2562)	10.6 (15.8)
2-9/16 (65.1)	392 (3488)	14 (20.8)	451 (4012)	14 (20.8)		
2-5/8 (66.7)	417 (3710)	14 (20.8)	480 (4270)	14 (20.8)	317 (2820)	11.6 (17.3)
2-11/16 (68.3)	432 (3843)	15 (22.3)	497 (4422)	15 (22.3)		
2-3/4 (69.8)	452 (4021)	16 (23.8)	520 (4626)	16 (23.8)	347 (3087)	12.7 (19.0)
2-7/8 (73.0)	494 (4395)	17 (25.3)	568 (5053)	17 (25.3)	379 (3372)	13.9 (20.7)
3 (76.2)	538 (4786)	19 (28.3)	619 (5507)	19 (28.3)	412 (3665)	15.1 (22.5)
3-1/8 (79.4)	584 (5196)	21 (31.3)	672 (5979)	21 (31.3)		
3-1/4 (82.6)	625 (5560)	22 (32.7)	719 (6397)	22 (32.7)	475 (4226)	18.8 (28.0)
3-3/8 (85.7)	673 (5988)	24 (35.7)	774 (6886)	24 (35.7)		
3-1/2 (88.9)	724 (6441)	26 (38.7)	833 (7411)	26 (38.7)	555 (4938)	21.0 (31.3)
3-5/8 (92.1)	768 (6833)	28 (41.7)	883 (7856)	28 (41.7)		
3-3/4 (95.2)	822 (7313)	30 (44.6)	945 (8407)	30 (44.6)	640 (5694)	24.0 (35.7)
3-7/8 (98.4)	878 (7811)	32 (47.6)	1010 (8986)	32 (47.6)		
4 (101.6)	925 (8230)	34 (50.6)	1060 (9431)	34 (50.6)	730 (6495)	27.0 (40.2)
4-1/8 (104.8)	1035 (9208)	35 (52.2)	1186 (10550)	35 (52.2)		
4-1/4 (108.0)	1090 (9698)	37 (55.1)	1249 (11112)	37 (55.1)		
4-3/8 (111.1)	1125 (10009)	39 (58.0)	1289 (11468)	39 (58.0)		
4-1/2 (114.3)	1200 (10676)	42 (62.3)	1375 (12233)	42 (62.3)		