



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)				