

Charges de Rupture des Câbles et Cordages[§]

Acier Inox Type 302 Câble 1 x 19*						Rod Inox Nitronic® 50 (22-13-5)					Câble 1 x 19** Acier Inox Type 316					Cordage Dacron® Double Tresse					Cordage à âme en Technora® avec gaine Dacron®§								
Charge de rupture			Charge de rupture			Charge de rupture			Charge de rupture			Charge de rupture			Charge de rupture			Charge de rupture			Charge de rupture								
Ø	in	lb	kg	Ø	in	lb	kg	Ø	in	lb	kg	Ø	in	lb	kg	Ø	in	lb	kg	Ø	in	lb	kg	Ø	in	lb	kg		
1/16	500	227	10300	4671	-4	4700	2136	3.5	3202	1452	2	706	320	9	12944	5870	1/4	1800	815	6	2360	1070	3/32	850	385	2	850	385	
3/32	1200	544	12500	5669	-6	6300	2864	4	4101	1860	2.5	1103	500	9.53	14509	6580	5/16	2800	1270	8	4012	1820	1/8	1650	748	3	1650	748	
1/8	2100	952	17500	7936	-8	8200	3727	4.5(-4)	5006	2270	3	1588	720	10	15987	7250	3/8	3750	1700	9	4960	2250	5/32	2400	1088	4	2400	1088	
5/32	3300	1497	23400	10612	-10	10300	4682	5(-6)	5998	2720	4	2822	1280	11	19338	8770	7/16	5500	2490	10	7030	3190	3/16	3100	1406	5	3100	1406	
3/16	4700	2131	29700	13469	-12	12500	5682	5.5	7100	3220	4.76	3969	1800	12	22933	10400	1/2	7000	3175	12	9520	4320	1/4	5150	2335	6	5150	2335	
7/32	6300	2857	36500	16553	-17	17500	7955	6(-8)	8600	3900	5	4410	2000	12.7	25689	11650	5/16	10000	4535	14	13160	5970	5/16	7800	3537	8	7800	3537	
1/4	8200	3719	44000	19954	-22	22500	10227	6.5(-10)	9923	4500	5.56	5447	2470	14	31268	14180	3/8	14000	6350	16	17285	7840	3/8	10750	4875	9	10750	4875	
Acier Inox Type 302 Câble 7 x 19*						-30	30000	13636	7(-12)	11797	5350	6	6351	2880	16	40926	18560	3/4	16000	7250	18.03	19930	9040	7/16	14000	6350	10	14000	6350
in	lb	kg	in	lb	kg	-40	38000	17273	7.5	14112	6400	6.35	7100	3220	19	47674	21620	7/8	25000	11340	20.6	22460	10190	1/2	20400	9251	12	20400	9251
1/16	500	225	1/4	6400	2900	-48	46000	20909	8	16207	7350	7	7828	3550	22	64101	29070	Cordage âme 100% Spectra® avec gaine Dacron®					5/16	22000	9977	14	22000	9977	
3/32	920	475	5/32	7800	3530	-60	59000	26818	8.5(-17)	17641	8000	8	10232	4640	26	89526	40600	in	lb	kg	mm	lb	kg	3/8	35000	15873	16	35000	15873
1/8	1760	790	3/16	9000	4080	-76	76000	34545	9	19846	9000	Câble 316 1 x 19* Acier Inox Type 316					5/16	1600	726	2	360	163	Haut - Module§ Cordage Kevlar®						
5/32	2400	1080	1/8	12000	5440	-91	90000	40909	9.5(-22)	21499	9750	in	lb	kg	in	lb	kg	1/4	4300	1950	3	540	244	Ø	Charge de	Ø	Charge de		
3/16	3700	1670	7/16	16300	7390	-115	117000	53182	11.1(-30)	29989	13600	3/16	3960	1800	3/8	14500	6580	5/16	7400	3355	4	1300	590	mm	lb	kg	mm	lb	kg
7/32	5000	2260	1/2	22800	10340	—	—	—	12.7(-40)	35943	16300	7/32	5445	2470	1/2	25680	11650	3/8	9500	4300	5	2180	989	5.7	2205	1000	13.3	19850	9000
Câble 1 x 19 Dyform® Acier Inox Type 316						—	—	—	14.3(-48)	46086	20900	1/4	7090	3220	—	—	—	7/16	11500	5210	6	3300	1500	6.6	3310	1500	15.5	26450	12000
in	lb	kg	mm	lb	kg	—	—	—	16.75(-60)	59096	26800	Câble 7 x 19** Acier Inox Type 316					1/2	16000	7250	8	6590	2990	7.5	5070	2300	16.8	33070	15000	
3/16	4928	2235	5	5380	2440	—	—	—	18.03(-66)	65050	29500	in	lb	kg	mm	lb	kg	5/16	22000	9980	10	9130	4140	8.6	6615	3000	19.5	44095	20000
1/4	8844	4011	6	7828	3550	—	—	—	20.6	74972	34000	3/16	2830	1285	3	1120	510	3/8	27000	12250	12	11860	5380	10.3	11025	5000	22	55115	25000
5/32	10802	4899	7	10827	4910	—	—	—	22.73(-90)	89966	40800	7/32	3865	1750	4	2130	970	3/4	37000	16780	14	16000	7250	12.5	15430	7000	25.2	68350	31000
3/16	13530	6136	8	13561	6150	Câble 1 x 7 Dyform® Acier Inox Type 316					1/4	5040	2280	5	3130	1420	7/8	50000	22680	22	38000	17235							
3/8	19272	8740	10	21544	9770	mm	lb	kg	mm	lb	kg	3/8	11350	5150	6(-8)	4490	2040	1	60000	27215	—	—		—					
7/16	26620	12072	11	26620	12072	2.5	1518	690	3.5	2975	1350	1/2	20165	9140	7(-12)	6120	2780												
1/2	34833	15797	14	42460	19256	3	2200	1000	4	3925	1780	—	—	—	8	8000	3630												
5/16	42460	19256	16	56320	25541							—	—	—	10	12500	5670												
3/8	56320	25541	19	70400	31926							—	—	—	12	17990	8160												
3/4	70400	31926	—	—	—							—	—	—	14	24470	11100												
												—	—	—	16	29980	13600												

*Câble American Standard **Câble Européen §La charge de rupture peut varier largement selon le fabricant