

North America specifications



Hauling ropes

Wire ropes minimum breaking force

Diameter +5% 0% undersize under tension 10-20% MBF		6x7 FC		6x19 FC 6x36 FC						Diameter range	
inch	mm	IPS tons	1770 kN	IPS tons	1770 kN	EIP tons	1960 kN	EIIP tons	2160 kN	min.-in	max.-in
-	6	-	21.2	-	21	-	23.3	-	25.7	0.236	0.250
1/4	-	2.64	-	2.74	-	3.01	-	-	-	0.250	0.265
-	9	-	47.6	-	47.3	52.4	57.7	0.354	0.372	-	-
5/16	-	4.1	-	4.26	-	4.69	-	-	-	0.313	0.331
-	8	-	37.6	-	37.4	-	41.4	-	45.6	0.315	0.331
-	9	-	47.6	-	47.3	-	52.4	-	57.7	0.354	0.372
3/8	-	5.86	-	6.1	-	6.71	-	7.38	-	0.375	0.394
-	10	-	58.8	-	58.4	-	64.7	-	71.3	0.394	0.419
-	11	-	71.1	-	70.7	-	78.3	-	86.2	0.433	0.455
7/16	-	7.93	-	8.27	-	9.1	-	10	-	0.438	0.459
-	12	-	84.6	-	84.1	-	93.1	-	103	0.472	0.496
1/2	-	10.3	-	10.7	-	11.8	-	12.9	-	0.500	0.525
-	13	-	99.3	-	98.7	-	109	-	120	0.512	0.537
-	14	-	115	-	114	-	127	-	140	0.551	0.579
9/16	-	13	-	13.5	-	14.9	-	16.3	-	0.563	0.591
5/8	-	15.9	-	16.7	-	18.4	-	20.2	-	0.625	0.656
-	16	-	150	-	150	-	166	-	182	0.630	0.661
-	18	-	190	-	189	-	210	-	231	0.709	0.744
-	19	-	212	-	211	-	233	-	257	0.748	0.785
3/4	-	22.7	-	23.8	-	26.2	-	28.8	-	0.750	0.788
-	20	-	235	-	234	-	259	-	285	0.787	0.827
-	22	-	284	-	283	-	313	-	345	0.866	0.909
7/8	-	30.7	-	32.2	-	35.4	-	39.0	-	0.875	0.919
-	24	-	338	-	336	-	373	-	411	0.945	0.922
1	-	39.7	-	41.8	-	46	-	50.6	-	1.000	1.050
-	26	-	397	-	395	-	437	-	482	1.024	1.075
-	28	-	461	-	458	-	507	-	559	1.102	1.157
11/8	-	49.8	-	52.6	-	57.9	-	63.6	-	1.125	1.181
11/4	-	61	-	64.6	-	71.1	-	78.2	-	1.250	1.313
-	32	-	602	-	598	-	662	-	730	1.260	1.323
13/8	-	73.1	-	77.7	-	85.5	-	94.0	-	1.375	1.444
-	36	-	762	-	757	-	838	-	924	1.417	1.488
11/2	-	86.2	-	92	-	101	-	111	-	1.500	1.575
-	40	-	-	-	935	-	1035	-	1140	1.575	1.654
15/8	-	-	-	107	-	118	-	129	-	1.625	1.706
-	44	-	-	-	1131	-	1252	-	1380	1.732	1.819
13/4	-	-	-	124	-	136	-	150	-	1.750	1.838
17/8	-	-	-	141	-	155	-	171	-	1.875	1.969
-	48	-	-	-	1346	-	1490	-	1642	1.890	1.984
2	-	-	-	160	-	176	-	194	-	2.000	2.100
52	-	-	-	-	1579	-	1749	-	1927	2.047	2.150
21/8	-	-	-	179	-	197	-	217	-	2.125	2.231
-	56	-	-	-	1832	-	2028	-	2235	2.205	2.315
21/4	-	-	-	200	-	220	-	242	-	2.250	2.363
-	60	-	-	-	2103	-	2328	-	2566	2.362	2.480

Approximate values
To convert rope MBL in kN to tons (2000 lbs) multiply by 0.1124

Please contact us
for further information.