

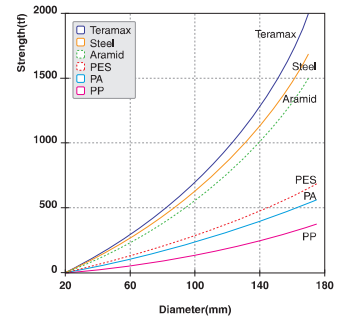


TERAMAX™

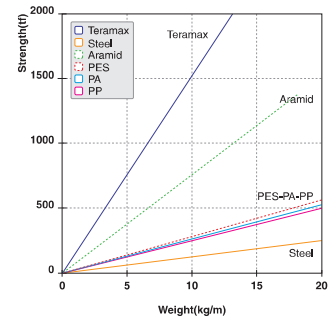
12-Strand braided rope made of UHMWPE(Ultra High Molecular Weight Polyethylene)
Yarns with special coating



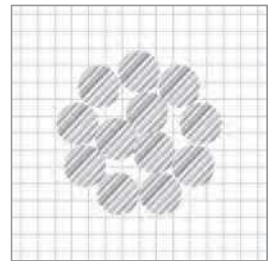
Diameter : Strength



Weight : Strength



Structure



12-STRAND CONSTRUCTION

Fiber Content

UHMWPE

Characteristics

- 12-Strand braided rope made of UHMWPE (Ultra High Molecular Weight Polyethylene) Yarns with special coating
- Strongest fiber rope in the world
- Light weight (1/7 of wire rope weight), stronger than wire rope
- Excellent resistance to UV (Ultra Violet) and chemicals
- No difference in tensile strength wet or dry
- Specific gravity : 0.97 (Floating)
- Easy to splice & handle • Superior wear life
- Kink/Torque free
- Superior abrasion resistance
- Melting point : 150°C • Elongation at break : 4%
- Workable below -20°C

Applications

- Mooring lines • Face & Wing wires • Tug assist lines • Seismic tow lines • Winch lines • Pulling lines
- Specialty rigging lines • Wire rope replacement

Dia		Circ.	Weight		UNSPLICED MBL		LDBF, SPLICED MBL	
inch	mm	Inch	kg/100m	lb/100ft	ton	kN	ton	kN
1/4	6	3/4	2.3	1.55	4.2	41.2	3.8	37.1
5/16	8	1	3.9	2.62	6.7	65.7	6.0	59.1
13/32	10	1-1/4	5.9	3.96	10.8	105.9	9.7	95.3
15/32	12	1-1/2	9.5	6.38	16.5	161.9	14.9	145.7
9/16	14	1-3/4	12.8	8.60	22.0	215.8	19.8	194.2
5/8	16	2	16.0	10.75	27.5	269.8	24.8	242.8
23/32	18	2-1/4	20.8	13.98	35.0	343.4	31.5	309.1
13/16	20	2-1/2	25.5	17.13	41.5	407.1	37.4	366.4
7/8	22	2-3/4	30.5	20.49	50.0	490.5	45.0	441.5
15/16	24	3	35.8	24.06	58.0	569.0	52.2	512.1
1-1/32	26	3-1/4	41.0	27.55	66.0	647.5	59.4	582.8
1-1/8	28	3-1/2	46.5	31.25	74.0	725.9	66.6	653.3
1-3/16	30	3-3/4	52.0	34.94	81.5	799.5	73.4	719.6
1-1/4	32	4	57.0	38.30	88.5	868.2	79.7	781.4
1-7/16	36	4-1/2	68.0	45.69	104.0	1,020.2	93.6	918.2
1-9/16	40	5	87.0	58.46	127.0	1,245.9	114.3	1,121.3
1-3/4	44	5-1/2	104.0	69.88	152.0	1,491.1	136.8	1,342.0
1-7/8	48	6	121.0	81.31	179.0	1,756.0	161.1	1,580.4
2-1/16	52	6-1/2	141.0	94.75	206.0	2,020.9	185.4	1,818.8
2/1-4	56	7	163.0	109.53	236.0	2,315.2	212.4	2,083.7
2-3/8	60	7-1/2	175.0	117.59	252.0	2,472.1	226.8	2,224.9
2-1/2	64	8	200.0	134.39	282.0	2,766.4	253.8	2,489.8
2-11/16	68	8-1/2	226.0	151.86	316.0	3,100.0	284.4	2,790.0
2-7/8	72	9	254.0	170.68	348.0	3,413.9	313.2	3,072.5
3	76	9-1/2	283.0	190.16	387.0	3,796.5	348.3	3,416.9
3-5/32	80	10	313.0	210.32	422.0	4,139.8	379.8	3,725.8
3-5/16	84	10-1/2	345.0	231.83	465.0	4,561.7	418.5	4,105.5
3-7/16	88	11	379.0	254.74	503.0	4,934.4	452.7	4,441.0
3-13/16	96	12	451.0	303.05	588.0	5,768.3	529.2	5,191.5

• ± 5% tolerance according to ISO 2307

• LDBF=Line Design Break Force according to MEG4 OCIMF Guidelines.