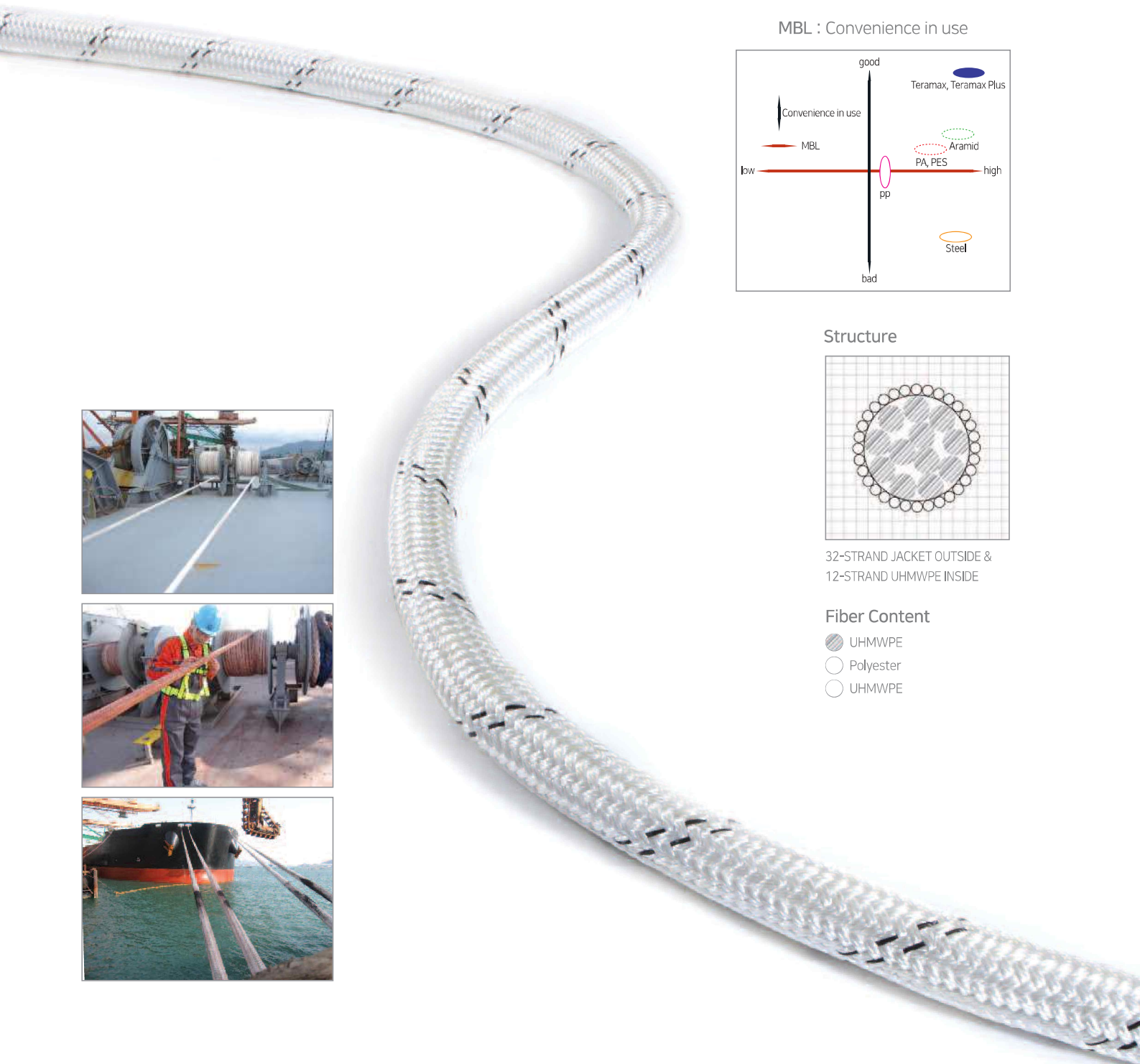


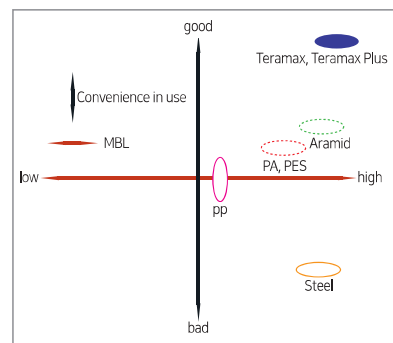


TERAMAX PLUS™

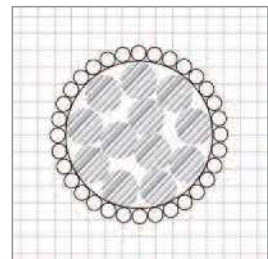
12-Strand braided rope made of UHMWPE Inside & 32-Strand UHMWPE or Polyester cover outside



MBL : Convenience in use



Structure



32-STRAND JACKET OUTSIDE & 12-STRAND UHMWPE INSIDE

Fiber Content

- UHMWPE
- Polyester
- UHMWPE



Characteristics

- 12-Strand braided rope made of UHMWPE Inside & 32-Strand UHMWPE or Polyester cover outside
- Extremely high strength & Low stretch
- Strongest than wire rope
- Excellent resistance to UV (Ultra Violet) and chemicals
- No difference in tensile strength wet or dry
- Specific gravity : 0.97~1.09 (Floating type available)
- Kink/Torque free
- Easy to handle
- Superior abrasion resistance
- Melting point : 265°C/150°C
- Elongation at break : 4~5%

Applications

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

UHMWPE (CORE) + POLYESTER (JACKET)

Dia		Circ.	Weight		UNSPliced MBL		LDBF, SPliced MBL	
inch	mm	inch	kg/100m	lb/100ft	ton	kN	ton	kN
13/16	20	2-1/2	26.0	17.47	31.0	304.1	27.9	273.7
7/8	22	2-3/4	31.1	20.90	38.6	378.7	34.7	340.8
15/16	24	3	37.0	24.86	46.0	451.3	41.4	406.2
1-1/32	26	3-1/4	43.5	29.23	54.0	529.7	48.6	476.7
1-1/8	28	3-1/2	50.0	33.60	63.0	618.0	56.7	556.2
1-3/16	30	3-3/4	54.2	36.42	68.0	667.1	61.2	600.4
1-1/4	32	4	64.0	43.01	74.0	725.9	66.6	653.3
1-11/32	34	4-1/4	71.8	48.25	84.0	824.0	75.6	741.6
1-7/16	36	4-1/2	78.9	53.02	93.0	912.3	83.7	821.1
1-1/2	38	4-3/4	86.1	57.86	102.0	1,000.6	91.8	900.5
1-9/16	40	5	94.8	63.70	114.0	1,118.3	102.6	1,006.5
1-11/16	42	5-1/4	115.1	77.32	127.0	1,245.9	114.3	1,121.3
1-3/4	44	5-1/2	122.1	82.05	135.0	1,324.4	121.5	1,192.0
1-7/8	48	6	150.7	101.26	165.0	1,618.7	148.5	1,456.8
2-1/16	52	6-1/2	176.0	118.26	195.0	1,913.0	175.5	1,721.7
2/1-4	56	7	201.3	135.27	230.0	2,256.3	207.0	2,030.7
2-3/8	60	7-1/2	225.5	151.53	263.0	2,580.0	236.7	2,322.0
2-1/2	64	8	259.6	174.44	308.0	3,021.5	277.2	2,719.4
2-11/16	68	8-1/2	290.4	195.14	345.0	3,384.5	310.5	3,046.1
2-7/8	72	9	324.5	218.05	380.0	3,727.8	342.0	3,355.0
3	76	9-1/2	364.1	244.66	429.0	4,208.5	386.1	3,787.4
3-5/32	80	10	394.9	265.36	458.0	4,493.0	412.2	4,043.7
3-7/16	88	11	463.1	311.18	540.0	5,297.4	486.0	4,767.7
3-13/16	96	12	562.1	377.71	626.0	6,141.1	563.4	5,527.0

UHMWPE (CORE) + UHMWPE (JACKET)

Dia		Circ.	Weight		UNSPliced MBL		LDBF, SPliced MBL	
inch	mm	inch	kg/100m	lb/100ft	ton	kN	ton	kN
13/16	20	2-1/2	24	16.13	31.0	304.1	27.9	273.7
7/8	22	2-3/4	29	19.49	38.6	378.7	34.7	340.8
15/16	24	3	34	22.85	46.0	451.3	41.4	406.2
1-1/32	26	3-1/4	40	26.88	54.0	529.7	48.6	476.7
1-1/8	28	3-1/2	46	30.91	63.0	618.0	56.7	556.2
1-3/16	30	3-3/4	50	33.60	68.0	667.1	61.2	600.4
1-1/4	32	4	59	39.65	74.0	725.9	66.6	653.3
1-11/32	34	4-1/4	66	44.35	84.0	824.0	75.6	741.6
1-7/16	36	4-1/2	72	48.38	93.0	912.3	83.7	821.1
1-1/2	38	4-3/4	79	53.08	102.0	1,000.6	91.8	900.5
1-9/16	40	5	87	58.46	114.0	1,118.3	102.6	1,006.5
1-11/16	42	5-1/4	106	70.96	127.0	1,245.9	114.3	1,121.3
1-3/4	44	5-1/2	111	74.65	135.0	1,324.4	121.5	1,192.0
1-7/8	48	6	138	92.39	165.0	1,618.7	148.5	1,456.8
2-1/16	52	6-1/2	161	107.92	195.0	1,913.0	175.5	1,721.7
2/1-4	56	7	185	124.18	230.0	2,256.3	207.0	2,030.7
2-3/8	60	7-1/2	208	139.70	263.0	2,580.0	236.7	2,322.0
2-1/2	64	8	239	160.40	308.0	3,021.5	277.2	2,719.4
2-11/16	68	8-1/2	268	180.35	345.0	3,384.5	310.5	3,046.1
2-7/8	72	9	300	201.79	380.0	3,727.8	342.0	3,355.0
3	76	9-1/2	337	226.18	429.0	4,208.5	386.1	3,787.4
3-5/32	80	10	367	246.88	458.0	4,493.0	412.2	4,043.7
3-7/16	88	11	430	289.01	540.0	5,297.4	486.0	4,767.7
3-13/16	96	12	521	350.36	626.0	6,141.1	563.4	5,527.0

• ± 5% tolerance according to ISO 2307

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

