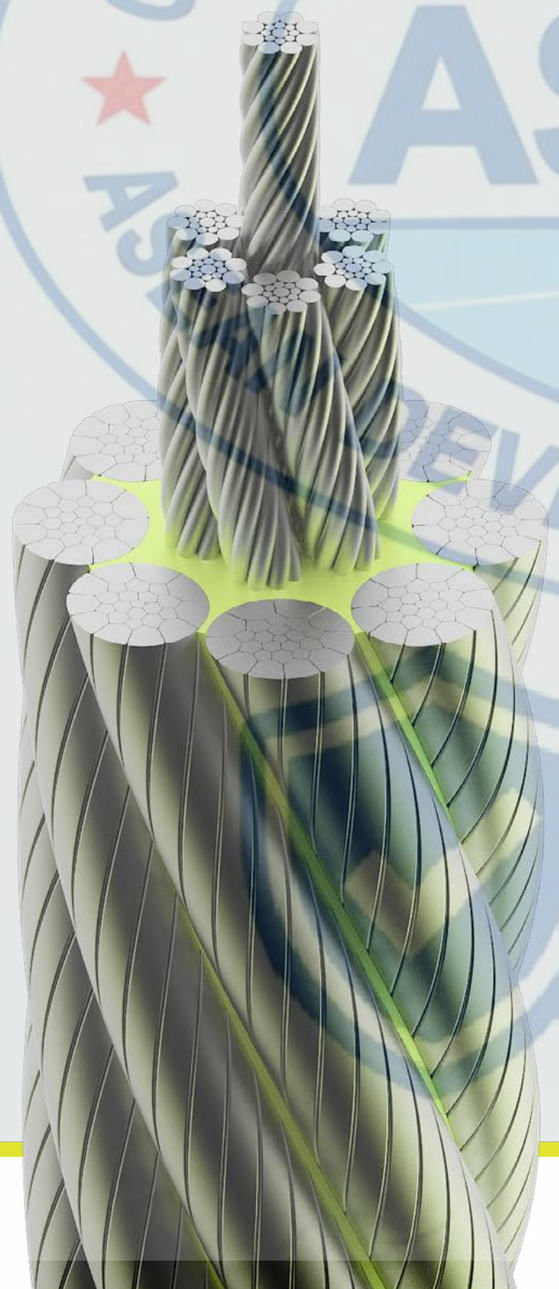
CS 8K

8 Strands



KEY ATTRIBUTES

· Very high breaking strength
· Non rotation resistant rope
· Optimized for multiple industrial uses
· Must not be used with a swivel
· Stable rope structure and good bending fatigue result
· Offer superior spooling performance on multi-layer drum
· Plastic impregnation

TECHNICAL DATA

· Average fill factor : 0.675
· Diameter tolerance : +1% to +4%
(Special requests : Negotiable)
*6-15mm : 152 wires / Discard criteria of rope acc. ISO 4309 : RCN 04
*16-29mm : 208 wires / Discard criteria of rope acc. ISO 4309 : RCN 09
*30-44mm : 248 wires / Discard criteria of rope acc. ISO 4309 : RCN 11
*45-52mm : 288 wires / Discard criteria of rope acc. ISO 4309 : RCN 13
· Modulus of elasticity : 105,000N/mm (±5 000N/mm2)

APPLICATIONS

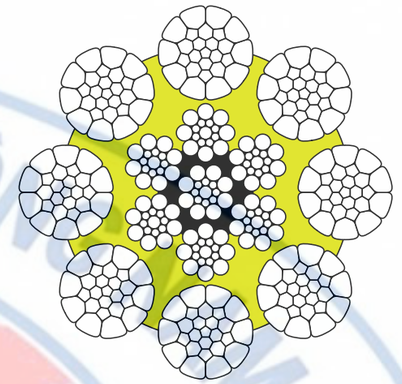
· Container crane
· Boom hoist
· Offshore crane
· Mobile crane
· Over head crane

AVAILABLE OPTION

· Galvanized / Bright finish
· Ordinary / Lang lay

8 Strands

8 STRANDS NON ROTATION RESISTANT ROPE WITH COMPACTED OUTER STRANDS AND CORE PLASTIC IMPREGNATED



Nominal Diameter		MBL						Metallic area mm2	Weight kg / m	Weight lb / ft
		1960 Grade			2160 Grade					
mm	inch	kN	Ton	Lbs	kN	Ton	Lbs			
6		31.5	3.2	7,086	33.6	3.4	7,559	19.2	0.17	0.114
7		42	4.3	9,448	45	4.6	10,123	26	0.23	0.155
8	5/16	56	5.7	12,598	60	6.1	13,498	34	0.30	0.202
9		70	7.1	15,747	75	7.7	16,872	43	0.38	0.255
10		87	8.9	19,571	94	9.6	21,146	53	0.46	0.309
11	7/16	106	11	23,846	113	12	25,420	64	0.57	0.383
12		126	13	28,345	132	13	29,695	76	0.68	0.457
13		149	15	33,519	158	16	35,544	90	0.79	0.531
14	9/16	172	18	38,693	184	19	41,392	104	0.92	0.618
15		198	20	44,542	210	21	47,241	119	1.06	0.712
16	5/8	225	23	50,616	240	24	53,990	136	1.20	0.806
18		284	29	63,888	304	31	68,388	177	1.52	1.021
19	3/4	318	32	71,537	356	36	80,085	192	1.68	1.129
20		352	36	79,186	375	38	84,360	212	1.88	1.263
21		356	36	80,085	414	42	93,133	234	2.06	1.384
22	7/8	425	43	95,608	452	46	101,682	257	2.27	1.525
24		506	52	113,829	541	55	121,703	305	2.71	1.821
25	1	550	56	123,728	587	60	132,051	331	2.94	1.976
26		595	61	133,851	632	64	142,174	358	3.18	2.137
28		690	70	155,222	735	75	165,345	416	3.68	2.473
29	1 1/8	720	73	161,971	768	78	172,769	446	3.87	2.601
30		790	81	177,718	845	86	190,091	477	4.23	2.842
32	1 1/4	900	92	202,463	860	88	193,465	543	4.81	3.232
34		1020	104	229,458	1085	111	244,081	613	5.32	3.575
36	1 3/8	1130	115	254,204	1205	123	271,076	687	5.96	4.005
38		1270	130	285,698	1354	138	304,595	752	6.60	4.435
40		1410	144	317,192	1506	154	338,789	834	7.30	4.905
42	1 5/8	1552	158	349,137	1660	169	373,432	919	8.05	5.409
44	1 3/4	1704	174	383,330	1820	186	409,426	1009	8.83	5.933
46		1862	190	418,874	1990	203	447,669	1102	9.65	6.484
48	1 7/8	2030	207	456,667	2170	221	488,161	1200	10.50	7.056
50	2	2200	224	494,910	2354	240	529,644	1302	11.40	7.660
52		2380	243	535,403	2547	260	572,863	1409	12.34	8.292