

Steel Wire Rope verotech 10

Product information



Wire rope construction: verotech 10 is a very flexible 10-strand, non-rotation-resistant rope in parallel lay construction with compacted strands and a rope core covered with a plastic layer.

Features:

- Very high breaking strength.
- Very stabile rope construction with very good fatigue properties.
- A plastic layer between inner and outer strands prevents inner wear and protects the core from corrosion.
- Very high resistance against flattening and wear.
- Specially suitable for multilayer spooling.

ISO 4309 Rope Category No: All Diameters **RCN.11.**

Marking: According to standard

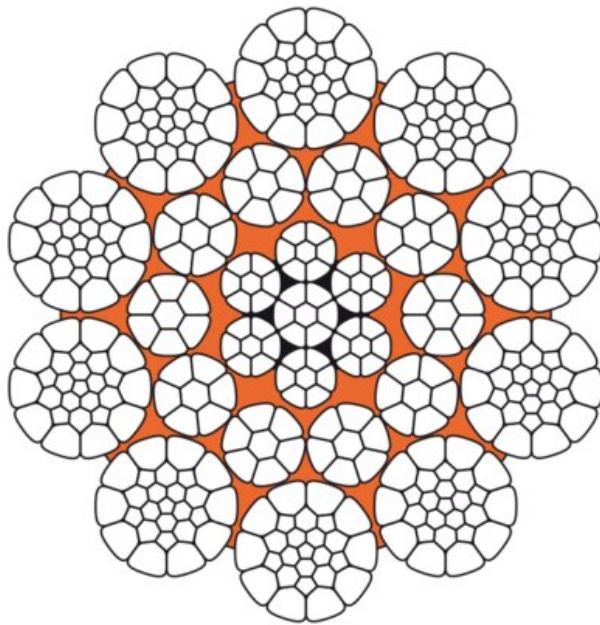
Standard: EN 12385-4

Note: verotech 10 may not be used with a swivel.

Fill factor: 0.732

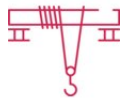
RCN: 11

Tolerance Ø: +2% to +4%



Overhead cranes

Ladle crane



Part Code	Rope Diameter, mm	Tensile strength N/mm ²	Steel area mm ²	Min. Breaking force, kN	Finish	Rope lay.	Weight kg/100m
103100604070339	6	1,960	21	34.9	Bright	sZ	18
103100603070339	6	1,960	21	34.9	Bright	zS	18
103100604270339	6	1,960	21	34.9	Galvanized	sZ	18

103100603270339	6	1,960	21	34.9	Galvanized	zS	18
103100604100339	6	2,160	21	38	Bright	sZ	18
103100603100339	6	2,160	21	38	Bright	zS	18
103100604300339	6	2,160	21	38	Galvanized	sZ	18
103100603300339	6	2,160	21	38	Galvanized	zS	18
103100704070339	7	1,960	28	47.5	Bright	sZ	24
103100703070339	7	1,960	28	47.5	Bright	zS	24
103100704270339	7	1,960	28	47.5	Galvanized	sZ	24
103100703270339	7	1,960	28	47.5	Galvanized	zS	24
103100704100339	7	2,160	28	51.7	Bright	sZ	24
103100703100339	7	2,160	28	51.7	Bright	zS	24
103100704300339	7	2,160	28	51.7	Galvanized	sZ	24
103100703300339	7	2,160	28	51.7	Galvanized	zS	24
103100804070339	8	1,960	37	62	Bright	sZ	32
103100803070339	8	1,960	37	62	Bright	zS	32
103100804270339	8	1,960	37	62	Galvanized	sZ	32
103100803270339	8	1,960	37	62	Galvanized	zS	32
103100804100339	8	2,160	37	67.6	Bright	sZ	32
103100803100339	8	2,160	37	67.6	Bright	zS	32
103100804300339	8	2,160	37	67.6	Galvanized	sZ	32
103100803300339	8	2,160	37	67.6	Galvanized	zS	32
103100854070339	8.5	1,960	41.5	70	Bright	sZ	36
103100853070339	8.5	1,960	41.5	70	Bright	zS	36

103100854270339	8.5	1,960	41.5	70	Galvanized	sZ	36
103100853270339	8.5	1,960	41.5	70	Galvanized	zS	36
103100854100339	8.5	2,160	41.5	76.3	Bright	sZ	36
103100853100339	8.5	2,160	41.5	76.3	Bright	zS	36
103100854300339	8.5	2,160	41.5	76.3	Galvanized	sZ	36
103100853300339	8.5	2,160	41.5	76.3	Galvanized	zS	36
103100904070339	9	1,960	47	78.5	Bright	sZ	40
103100903070339	9	1,960	47	78.5	Bright	zS	40
103100904270339	9	1,960	47	78.5	Galvanized	sZ	40
103100903270339	9	1,960	47	78.5	Galvanized	zS	40
103100904100339	9	2,160	47	85.5	Bright	sZ	40
103100903100339	9	2,160	47	85.5	Bright	zS	40
103100904300339	9	2,160	47	85.5	Galvanized	sZ	40
103100903300339	9	2,160	47	85.5	Galvanized	zS	40
103101004070339	10	1,960	57	96.9	Bright	sZ	49
103101003070339	10	1,960	57	96.9	Bright	zS	49
103101004270339	10	1,960	57	96.9	Galvanized	sZ	49
103101003270339	10	1,960	57	96.9	Galvanized	zS	49
103101004100339	10	2,160	57	105.6	Bright	sZ	49
103101003100339	10	2,160	57	105.6	Bright	zS	49
103101004300339	10	2,160	57	105.6	Galvanized	sZ	49
103101003300339	10	2,160	57	105.6	Galvanized	zS	49
103101104070339	11	1,960	70	117.3	Bright	sZ	60

103101103070339	11	1,960	70	117.3	Bright	zS	60
103101104270339	11	1,960	70	117.3	Galvanized	sZ	60
103101103270339	11	1,960	70	117.3	Galvanized	zS	60
103101104100339	11	2,160	70	127.7	Bright	sZ	60
103101103100339	11	2,160	70	127.7	Bright	zS	60
103101104300339	11	2,160	70	127.7	Galvanized	sZ	60
103101103300339	11	2,160	70	127.7	Galvanized	zS	60
103101204070339	12	1,960	83	139.5	Bright	sZ	71
103101203070339	12	1,960	83	139.5	Bright	zS	71
103101204270339	12	1,960	83	139.5	Galvanized	sZ	71
103101203270339	12	1,960	83	139.5	Galvanized	zS	71
103101204100339	12	2,160	83	152	Bright	sZ	71
103101203100339	12	2,160	83	152	Bright	zS	71
103101204300339	12	2,160	83	152	Galvanized	sZ	71
103101203300339	12	2,160	83	152	Galvanized	zS	71
103101304070339	13	1,960	97	163.8	Bright	sZ	84
103101303070339	13	1,960	97	163.8	Bright	zS	84
103101304270339	13	1,960	97	163.8	Galvanized	sZ	84
103101303270339	13	1,960	97	163.8	Galvanized	zS	84
103101304100339	13	2,160	97	178.4	Bright	sZ	84
103101303100339	13	2,160	97	178.4	Bright	zS	84
103101304300339	13	2,160	97	178.4	Galvanized	sZ	84
103101303300339	13	2,160	97	178.4	Galvanized	zS	84

103101404070339	14	1,960	113	189.9	Bright	sZ	97
103101403070339	14	1,960	113	189.9	Bright	zS	97
103101404270339	14	1,960	113	189.9	Galvanized	sZ	97
103101403270339	14	1,960	113	189.9	Galvanized	zS	97
103101404100339	14	2,160	113	206.9	Bright	sZ	97
103101403100339	14	2,160	113	206.9	Bright	zS	97
103101404300339	14	2,160	113	206.9	Galvanized	sZ	97
103101403300339	14	2,160	113	206.9	Galvanized	zS	97
103101504070339	15	1,960	129	218	Bright	sZ	111
103101503070339	15	1,960	129	218	Bright	zS	111
103101504270339	15	1,960	129	218	Galvanized	sZ	111
103101503270339	15	1,960	129	218	Galvanized	zS	111
103101504100339	15	2,160	129	237.5	Bright	sZ	111
103101503100339	15	2,160	129	237.5	Bright	zS	111
103101504300339	15	2,160	129	237.5	Galvanized	sZ	111
103101503300339	15	2,160	129	237.5	Galvanized	zS	111
103101604070339	16	1,960	147	248.1	Bright	sZ	127
103101603070339	16	1,960	147	248.1	Bright	zS	127
103101604270339	16	1,960	147	248.1	Galvanized	sZ	127
103101603270339	16	1,960	147	248.1	Galvanized	zS	127
103101604100339	16	2,160	147	270.2	Bright	sZ	127
103101603100339	16	2,160	147	270.2	Bright	zS	127
103101604300339	16	2,160	147	270.2	Galvanized	sZ	127

103101603300339	16	2,160	147	270.2	Galvanized	zS	127
103101704070339	17	1,960	166	280.1	Bright	sZ	143
103101703070339	17	1,960	166	280.1	Bright	zS	143
103101704270339	17	1,960	166	280.1	Galvanized	sZ	143
103101703270339	17	1,960	166	280.1	Galvanized	zS	143
103101704100339	17	2,160	166	305.1	Bright	sZ	143
103101703100339	17	2,160	166	305.1	Bright	zS	143
103101704300339	17	2,160	166	305.1	Galvanized	sZ	143
103101703300339	17	2,160	166	305.1	Galvanized	zS	143
103101804070339	18	1,960	186	314	Bright	sZ	160
103101803070339	18	1,960	186	314	Bright	zS	160
103101804270339	18	1,960	186	314	Galvanized	sZ	160
103101803270339	18	1,960	186	314	Galvanized	zS	160
103101804100339	18	2,160	186	342	Bright	sZ	160
103101803100339	18	2,160	186	342	Bright	zS	160
103101804300339	18	2,160	186	342	Galvanized	sZ	160
103101803300339	18	2,160	186	342	Galvanized	zS	160
103101904070339	19	1,960	208	349.8	Bright	sZ	179
103101903070339	19	1,960	208	349.8	Bright	zS	179
103101904270339	19	1,960	208	349.8	Galvanized	sZ	179
103101903270339	19	1,960	208	349.8	Galvanized	zS	179
103101904100339	19	2,160	208	381	Bright	sZ	179
103101903100339	19	2,160	208	381	Bright	zS	179

103101904300339	19	2,160	208	381	Galvanized	sZ	179
103101903300339	19	2,160	208	381	Galvanized	zS	179
103102004070339	20	1,960	230	387.6	Bright	sZ	198
103102003070339	20	1,960	230	387.6	Bright	zS	198
103102004270339	20	1,960	230	387.6	Galvanized	sZ	198
103102003270339	20	1,960	230	387.6	Galvanized	zS	198
103102004100339	20	2,160	230	422.2	Bright	sZ	198
103102003100339	20	2,160	230	422.2	Bright	zS	198
103102004300339	20	2,160	230	422.2	Galvanized	sZ	198
103102003300339	20	2,160	230	422.2	Galvanized	zS	198
103102104070339	21	1,960	254	427.4	Bright	sZ	218
103102103070339	21	1,960	254	427.4	Bright	zS	218
103102104270339	21	1,960	254	427.4	Galvanized	sZ	218
103102103270339	21	1,960	254	427.4	Galvanized	zS	218
103102104100339	21	2,160	254	465.5	Bright	sZ	218
103102103100339	21	2,160	254	465.5	Bright	zS	218
103102104300339	21	2,160	254	465.5	Galvanized	sZ	218
103102103300339	21	2,160	254	465.5	Galvanized	zS	218
103102204070339	22	1,960	278	469	Bright	sZ	239
103102203070339	22	1,960	278	469	Bright	zS	239
103102204270339	22	1,960	278	469	Galvanized	sZ	239
103102203270339	22	1,960	278	469	Galvanized	zS	239
103102204100339	22	2,160	278	510.9	Bright	sZ	239

103102203100339	22	2,160	278	510.9	Bright	zS	239
103102204300339	22	2,160	278	510.9	Galvanized	sZ	239
103102203300339	22	2,160	278	510.9	Galvanized	zS	239
103102304070339	23	1,960	304	512.6	Bright	sZ	262
103102303070339	23	1,960	304	512.6	Bright	zS	262
103102304270339	23	1,960	304	512.6	Galvanized	sZ	262
103102303270339	23	1,960	304	512.6	Galvanized	zS	262
103102304100339	23	2,160	304	558.4	Bright	sZ	262
103102303100339	23	2,160	304	558.4	Bright	zS	262
103102304300339	23	2,160	304	558.4	Galvanized	sZ	262
103102303300339	23	2,160	304	558.4	Galvanized	zS	262
103102404070339	24	1,960	331	558.2	Bright	sZ	285
103102403070339	24	1,960	331	558.2	Bright	zS	285
103102404270339	24	1,960	331	558.2	Galvanized	sZ	285
103102403270339	24	1,960	331	558.2	Galvanized	zS	285
103102404100339	24	2,160	331	608	Bright	sZ	285
103102403100339	24	2,160	331	608	Bright	zS	285
103102404300339	24	2,160	331	608	Galvanized	sZ	285
103102403300339	24	2,160	331	608	Galvanized	zS	285
103102504070339	25	1,960	359	605.7	Bright	sZ	309
103102503070339	25	1,960	359	605.7	Bright	zS	309
103102504270339	25	1,960	359	605.7	Galvanized	sZ	309
103102503270339	25	1,960	359	605.7	Galvanized	zS	309

103102504100339	25	2,160	359	659.7	Bright	sZ	309
103102503100339	25	2,160	359	659.7	Bright	zS	309
103102504300339	25	2,160	359	659.7	Galvanized	sZ	309
103102503300339	25	2,160	359	659.7	Galvanized	zS	309
103102604070339	26	1,960	389	655.1	Bright	sZ	334
103102603070339	26	1,960	389	655.1	Bright	zS	334
103102604270339	26	1,960	389	655.1	Galvanized	sZ	334
103102603270339	26	1,960	389	655.1	Galvanized	zS	334
103102604100339	26	2,160	389	713.5	Bright	sZ	334
103102603100339	26	2,160	389	713.5	Bright	zS	334
103102604300339	26	2,160	389	713.5	Galvanized	sZ	334
103102603300339	26	2,160	389	713.5	Galvanized	zS	334
103102704070339	27	1,960	419	706.5	Bright	sZ	360
103102703070339	27	1,960	419	706.5	Bright	zS	360
103102704270339	27	1,960	419	706.5	Galvanized	sZ	360
103102703270339	27	1,960	419	706.5	Galvanized	zS	360
103102704100339	27	2,160	419	769.5	Bright	sZ	360
103102703100339	27	2,160	419	769.5	Bright	zS	360
103102704300339	27	2,160	419	769.5	Galvanized	sZ	360
103102703300339	27	2,160	419	769.5	Galvanized	zS	360
103102804070339	28	1,960	451	759.8	Bright	sZ	388
103102803070339	28	1,960	451	759.8	Bright	zS	388
103102804270339	28	1,960	451	759.8	Galvanized	sZ	388

103102803270339	28	1,960	451	759.8	Galvanized	zS	388
103102804100339	28	2,160	451	827.5	Bright	sZ	388
103102803100339	28	2,160	451	827.5	Bright	zS	388
103102804300339	28	2,160	451	827.5	Galvanized	sZ	388
103102803300339	28	2,160	451	827.5	Galvanized	zS	388
103102904070339	29	1,960	484	815	Bright	sZ	416
103102903070339	29	1,960	484	815	Bright	zS	416
103102904270339	29	1,960	484	815	Galvanized	sZ	416
103102903270339	29	1,960	484	815	Galvanized	zS	416
103102904100339	29	2,160	484	887.7	Bright	sZ	416
103102903100339	29	2,160	484	887.7	Bright	zS	416
103102904300339	29	2,160	484	887.7	Galvanized	sZ	416
103102903300339	29	2,160	484	887.7	Galvanized	zS	416
103103004070339	30	1,960	517	872.2	Bright	sZ	445
103103003070339	30	1,960	517	872.2	Bright	zS	445
103103004270339	30	1,960	517	872.2	Galvanized	sZ	445
103103003270339	30	1,960	517	872.2	Galvanized	zS	445
103103004100339	30	2,160	517	950	Bright	sZ	445
103103003100339	30	2,160	517	950	Bright	zS	445
103103004300339	30	2,160	517	950	Galvanized	sZ	445
103103003300339	30	2,160	517	950	Galvanized	zS	445
103103104070339	31	1,960	552	931.3	Bright	sZ	475
103103103070339	31	1,960	552	931.3	Bright	zS	475

103103104270339	31	1,960	552	931.3	Galvanized	sZ	475
103103103270339	31	1,960	552	931.3	Galvanized	zS	475
103103104100339	31	2,160	552	1,014	Bright	sZ	475
103103103100339	31	2,160	552	1,014	Bright	zS	475
103103104300339	31	2,160	552	1,014	Galvanized	sZ	475
103103103300339	31	2,160	552	1,014	Galvanized	zS	475
103103204070339	32	1,960	589	992.3	Bright	sZ	506
103103203070339	32	1,960	589	992.3	Bright	zS	506
103103204270339	32	1,960	589	992.3	Galvanized	sZ	506
103103203270339	32	1,960	589	992.3	Galvanized	zS	506
103103204100339	32	2,160	589	1,081	Bright	sZ	506
103103203100339	32	2,160	589	1,081	Bright	zS	506
103103204300339	32	2,160	589	1,081	Galvanized	sZ	506
103103203300339	32	2,160	589	1,081	Galvanized	zS	506
103103304070339	33	1,960	626	1,055	Bright	sZ	538
103103303070339	33	1,960	626	1,055	Bright	zS	538
103103304270339	33	1,960	626	1,055	Galvanized	sZ	538
103103303270339	33	1,960	626	1,055	Galvanized	zS	538
103103304100339	33	2,160	626	1,149	Bright	sZ	538
103103303100339	33	2,160	626	1,149	Bright	zS	538
103103304300339	33	2,160	626	1,149	Galvanized	sZ	538
103103303300339	33	2,160	626	1,149	Galvanized	zS	538
103103404070339	34	1,960	665	1,120	Bright	sZ	572

103103403070339	34	1,960	665	1,120	Bright	zS	572
103103404270339	34	1,960	665	1,120	Galvanized	sZ	572
103103403270339	34	1,960	665	1,120	Galvanized	zS	572
103103404100339	34	2,160	665	1,220	Bright	sZ	572
103103403100339	34	2,160	665	1,220	Bright	zS	572
103103404300339	34	2,160	665	1,220	Galvanized	sZ	572
103103403300339	34	2,160	665	1,220	Galvanized	zS	572

Technical data