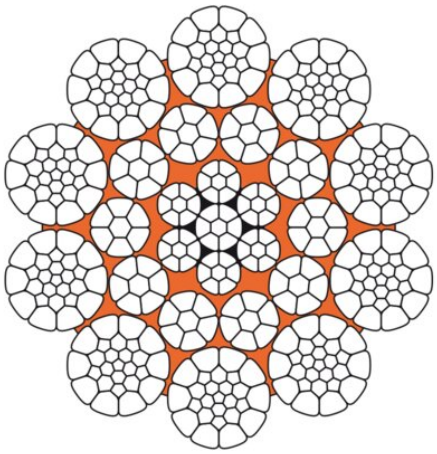
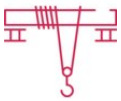
Lifting Solutions Group
Axel Johnson International

Steel Wire Rope verotech 10

Product information



Overhead cranes



Ladle crane





The verotech 10 is a highly flexible, 10-strand wire rope in parallel lay construction, featuring compacted strands and a plastic-coated rope core. Designed for demanding lifting applications, it delivers outstanding performance across a wide range of crane systems.

Please note: Ropes in diameters 6-9.5 mm are supplied in a 9-strand construction.

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:

- 6-9.5 mm **RCN.4.**
- from 10 mm **RCN.11.**

... *Read more*

Marking: According to standard
Standard: EN 12385-4
Note: verotech 10 may not be used with a swivel.

Fill factor: 0.73
Tolerance Ø: +2% to +4%

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Steel Wire Rope verotech 10

Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Steel area mm²	Lubrication	Weight kg/100m
103100604070339	6	1,960	Bright	sZ	34.9	21	SupplierStandard	18
103100603070339	6	1,960	Bright	zS	34.9	21	SupplierStandard	18
103100604270339	6	1,960	Galvanized	sZ	34.9	21	SupplierStandard	18
103100603270339	6	1,960	Galvanized	zS	34.9	21	SupplierStandard	18
103100604100339	6	2,160	Bright	sZ	38	21	SupplierStandard	18
103100603100339	6	2,160	Bright	zS	38	21	SupplierStandard	18
103100604300339	6	2,160	Galvanized	sZ	38	21	SupplierStandard	18
103100603300339	6	2,160	Galvanized	zS	38	21	SupplierStandard	18
103100704070339	7	1,960	Bright	sZ	47.5	28	SupplierStandard	24
103100703070339	7	1,960	Bright	zS	47.5	28	SupplierStandard	24
103100704270339	7	1,960	Galvanized	sZ	47.5	28	SupplierStandard	24
103100703270339	7	1,960	Galvanized	zS	47.5	28	SupplierStandard	24
103100704100339	7	2,160	Bright	sZ	51.7	28	SupplierStandard	24
103100703100339	7	2,160	Bright	zS	51.7	28	SupplierStandard	24
103100704300339	7	2,160	Galvanized	sZ	51.7	28	SupplierStandard	24
103100703300339	7	2,160	Galvanized	zS	51.7	28	SupplierStandard	24
103100804070339	8	1,960	Bright	sZ	62	37	SupplierStandard	32
103100803070339	8	1,960	Bright	zS	62	37	SupplierStandard	32
103100804270339	8	1,960	Galvanized	sZ	62	37	SupplierStandard	32
103100803270339	8	1,960	Galvanized	zS	62	37	SupplierStandard	32
103100804100339	8	2,160	Bright	sZ	67.6	37	SupplierStandard	32
103100803100339	8	2,160	Bright	zS	67.6	37	SupplierStandard	32
103100804300339	8	2,160	Galvanized	sZ	67.6	37	SupplierStandard	32
103100803300339	8	2,160	Galvanized	zS	67.6	37	SupplierStandard	32
103100904070339	9	1,960	Bright	sZ	78.5	47	SupplierStandard	40
103100903070339	9	1,960	Bright	zS	78.5	47	SupplierStandard	40
103100904270339	9	1,960	Galvanized	sZ	78.5	47	SupplierStandard	40
103100903270339	9	1,960	Galvanized	zS	78.5	47	SupplierStandard	40
103100904100339	9	2,160	Bright	sZ	85.5	47	SupplierStandard	40
103100903100339	9	2,160	Bright	zS	85.5	47	SupplierStandard	40
103100904300339	9	2,160	Galvanized	sZ	85.5	47	SupplierStandard	40

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Steel Wire Rope verotech 10

Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Steel area mm²	Lubrication	Weight kg/100m
103100903300339	9	2,160	Galvanized	zS	85.5	47	SupplierStandard	40
103101004070339	10	1,960	Bright	sZ	96.9	57	SupplierStandard	49
103101003070339	10	1,960	Bright	zS	96.9	57	SupplierStandard	49
103101004270339	10	1,960	Galvanized	sZ	96.9	57	SupplierStandard	49
103101003270339	10	1,960	Galvanized	zS	96.9	57	SupplierStandard	49
103101004100339	10	2,160	Bright	sZ	105.6	57	SupplierStandard	49
103101003100339	10	2,160	Bright	zS	105.6	57	SupplierStandard	49
103101004300339	10	2,160	Galvanized	sZ	105.6	57	SupplierStandard	49
103101003300339	10	2,160	Galvanized	zS	105.6	57	SupplierStandard	49
103101104070339	11	1,960	Bright	sZ	117.3	70	SupplierStandard	60
103101103070339	11	1,960	Bright	zS	117.3	70	SupplierStandard	60
103101104270339	11	1,960	Galvanized	sZ	117.3	70	SupplierStandard	60
103101103270339	11	1,960	Galvanized	zS	117.3	70	SupplierStandard	60
103101104100339	11	2,160	Bright	sZ	127.7	70	SupplierStandard	60
103101103100339	11	2,160	Bright	zS	127.7	70	SupplierStandard	60
103101104300339	11	2,160	Galvanized	sZ	127.7	70	SupplierStandard	60
103101103300339	11	2,160	Galvanized	zS	127.7	70	SupplierStandard	60
103101204070339	12	1,960	Bright	sZ	139.5	83	SupplierStandard	71
103101203070339	12	1,960	Bright	zS	139.5	83	SupplierStandard	71
103101204270339	12	1,960	Galvanized	sZ	139.5	83	SupplierStandard	71
103101203270339	12	1,960	Galvanized	zS	139.5	83	SupplierStandard	71
103101204100339	12	2,160	Bright	sZ	152	83	SupplierStandard	71
103101203100339	12	2,160	Bright	zS	152	83	SupplierStandard	71
103101204300339	12	2,160	Galvanized	sZ	152	83	SupplierStandard	71
103101203300339	12	2,160	Galvanized	zS	152	83	SupplierStandard	71
103101304070339	13	1,960	Bright	sZ	163.8	97	SupplierStandard	84
103101303070339	13	1,960	Bright	zS	163.8	97	SupplierStandard	84
103101304270339	13	1,960	Galvanized	sZ	163.8	97	SupplierStandard	84
103101303270339	13	1,960	Galvanized	zS	163.8	97	SupplierStandard	84
103101304100339	13	2,160	Bright	sZ	178.4	97	SupplierStandard	84
103101303100339	13	2,160	Bright	zS	178.4	97	SupplierStandard	84

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Steel Wire Rope verotech 10

Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Steel area mm²	Lubrication	Weight kg/100m
103101304300339	13	2,160	Galvanized	sZ	178.4	97	SupplierStandard	84
103101303300339	13	2,160	Galvanized	zS	178.4	97	SupplierStandard	84
103101404070339	14	1,960	Bright	sZ	189.9	113	SupplierStandard	97
103101403070339	14	1,960	Bright	zS	189.9	113	SupplierStandard	97
103101404270339	14	1,960	Galvanized	sZ	189.9	113	SupplierStandard	97
103101403270339	14	1,960	Galvanized	zS	189.9	113	SupplierStandard	97
103101404100339	14	2,160	Bright	sZ	206.9	113	SupplierStandard	97
103101403100339	14	2,160	Bright	zS	206.9	113	SupplierStandard	97
103101404300339	14	2,160	Galvanized	sZ	206.9	113	SupplierStandard	97
103101403300339	14	2,160	Galvanized	zS	206.9	113	SupplierStandard	97
103101504070339	15	1,960	Bright	sZ	218	129	SupplierStandard	111
103101503070339	15	1,960	Bright	zS	218	129	SupplierStandard	111
103101504270339	15	1,960	Galvanized	sZ	218	129	SupplierStandard	111
103101503270339	15	1,960	Galvanized	zS	218	129	SupplierStandard	111
103101504100339	15	2,160	Bright	sZ	237.5	129	SupplierStandard	111
103101503100339	15	2,160	Bright	zS	237.5	129	SupplierStandard	111
103101504300339	15	2,160	Galvanized	sZ	237.5	129	SupplierStandard	111
103101503300339	15	2,160	Galvanized	zS	237.5	129	SupplierStandard	111
103101604070339	16	1,960	Bright	sZ	248.1	147	SupplierStandard	127
103101603070339	16	1,960	Bright	zS	248.1	147	SupplierStandard	127
103101604270339	16	1,960	Galvanized	sZ	248.1	147	SupplierStandard	127
103101603270339	16	1,960	Galvanized	zS	248.1	147	SupplierStandard	127
103101604100339	16	2,160	Bright	sZ	270.2	147	SupplierStandard	127
103101603100339	16	2,160	Bright	zS	270.2	147	SupplierStandard	127
103101604300339	16	2,160	Galvanized	sZ	270.2	147	SupplierStandard	127
103101603300339	16	2,160	Galvanized	zS	270.2	147	SupplierStandard	127
103101704070339	17	1,960	Bright	sZ	280.1	166	SupplierStandard	143
103101703070339	17	1,960	Bright	zS	280.1	166	SupplierStandard	143
103101704270339	17	1,960	Galvanized	sZ	280.1	166	SupplierStandard	143
103101703270339	17	1,960	Galvanized	zS	280.1	166	SupplierStandard	143
103101704100339	17	2,160	Bright	sZ	305.1	166	SupplierStandard	143

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Steel Wire Rope verotech 10

Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Steel area mm²	Lubrication	Weight kg/100m
103101703100339	17	2,160	Bright	zS	305.1	166	SupplierStandard	143
103101704300339	17	2,160	Galvanized	sZ	305.1	166	SupplierStandard	143
103101703300339	17	2,160	Galvanized	zS	305.1	166	SupplierStandard	143
103101804070339	18	1,960	Bright	sZ	314	186	SupplierStandard	160
103101803070339	18	1,960	Bright	zS	314	186	SupplierStandard	160
103101804270339	18	1,960	Galvanized	sZ	314	186	SupplierStandard	160
103101803270339	18	1,960	Galvanized	zS	314	186	SupplierStandard	160
103101804100339	18	2,160	Bright	sZ	342	186	SupplierStandard	160
103101803100339	18	2,160	Bright	zS	342	186	SupplierStandard	160
103101804300339	18	2,160	Galvanized	sZ	342	186	SupplierStandard	160
103101803300339	18	2,160	Galvanized	zS	342	186	SupplierStandard	160
103101904070339	19	1,960	Bright	sZ	349.8	208	SupplierStandard	179
103101903070339	19	1,960	Bright	zS	349.8	208	SupplierStandard	179
103101904270339	19	1,960	Galvanized	sZ	349.8	208	SupplierStandard	179
103101903270339	19	1,960	Galvanized	zS	349.8	208	SupplierStandard	179
103101904100339	19	2,160	Bright	sZ	381	208	SupplierStandard	179
103101903100339	19	2,160	Bright	zS	381	208	SupplierStandard	179
103101904300339	19	2,160	Galvanized	sZ	381	208	SupplierStandard	179
103101903300339	19	2,160	Galvanized	zS	381	208	SupplierStandard	179
103102004070339	20	1,960	Bright	sZ	387.6	230	SupplierStandard	198
103102003070339	20	1,960	Bright	zS	387.6	230	SupplierStandard	198
103102004270339	20	1,960	Galvanized	sZ	387.6	230	SupplierStandard	198
103102003270339	20	1,960	Galvanized	zS	387.6	230	SupplierStandard	198
103102004100339	20	2,160	Bright	sZ	422.2	230	SupplierStandard	198
103102003100339	20	2,160	Bright	zS	422.2	230	SupplierStandard	198
103102004300339	20	2,160	Galvanized	sZ	422.2	230	SupplierStandard	198
103102003300339	20	2,160	Galvanized	zS	422.2	230	SupplierStandard	198
103102104070339	21	1,960	Bright	sZ	427.4	254	SupplierStandard	218
103102103070339	21	1,960	Bright	zS	427.4	254	SupplierStandard	218
103102104270339	21	1,960	Galvanized	sZ	427.4	254	SupplierStandard	218
103102103270339	21	1,960	Galvanized	zS	427.4	254	SupplierStandard	218

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Steel Wire Rope verotech 10

Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Steel area mm²	Lubrication	Weight kg/100m
103102104100339	21	2,160	Bright	sZ	465.5	254	SupplierStandard	218
103102103100339	21	2,160	Bright	zS	465.5	254	SupplierStandard	218
103102104300339	21	2,160	Galvanized	sZ	465.5	254	SupplierStandard	218
103102103300339	21	2,160	Galvanized	zS	465.5	254	SupplierStandard	218
103102204070339	22	1,960	Bright	sZ	469	278	SupplierStandard	239
103102203070339	22	1,960	Bright	zS	469	278	SupplierStandard	239
103102204270339	22	1,960	Galvanized	sZ	469	278	SupplierStandard	239
103102203270339	22	1,960	Galvanized	zS	469	278	SupplierStandard	239
103102204100339	22	2,160	Bright	sZ	510.9	278	SupplierStandard	239
103102203100339	22	2,160	Bright	zS	510.9	278	SupplierStandard	239
103102204300339	22	2,160	Galvanized	sZ	510.9	278	SupplierStandard	239
103102203300339	22	2,160	Galvanized	zS	510.9	278	SupplierStandard	239
103102304070339	23	1,960	Bright	sZ	512.6	304	SupplierStandard	262
103102303070339	23	1,960	Bright	zS	512.6	304	SupplierStandard	262
103102304270339	23	1,960	Galvanized	sZ	512.6	304	SupplierStandard	262
103102303270339	23	1,960	Galvanized	zS	512.6	304	SupplierStandard	262
103102304100339	23	2,160	Bright	sZ	558.4	304	SupplierStandard	262
103102303100339	23	2,160	Bright	zS	558.4	304	SupplierStandard	262
103102304300339	23	2,160	Galvanized	sZ	558.4	304	SupplierStandard	262
103102303300339	23	2,160	Galvanized	zS	558.4	304	SupplierStandard	262
103102404070339	24	1,960	Bright	sZ	558.2	331	SupplierStandard	285
103102403070339	24	1,960	Bright	zS	558.2	331	SupplierStandard	285
103102404270339	24	1,960	Galvanized	sZ	558.2	331	SupplierStandard	285
103102403270339	24	1,960	Galvanized	zS	558.2	331	SupplierStandard	285
103102404100339	24	2,160	Bright	sZ	608	331	SupplierStandard	285
103102403100339	24	2,160	Bright	zS	608	331	SupplierStandard	285
103102404300339	24	2,160	Galvanized	sZ	608	331	SupplierStandard	285
103102403300339	24	2,160	Galvanized	zS	608	331	SupplierStandard	285
103102504070339	25	1,960	Bright	sZ	605.7	359	SupplierStandard	309
103102503070339	25	1,960	Bright	zS	605.7	359	SupplierStandard	309
103102504270339	25	1,960	Galvanized	sZ	605.7	359	SupplierStandard	309

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Steel Wire Rope verotech 10

Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Steel area mm²	Lubrication	Weight kg/100m
103102503270339	25	1,960	Galvanized	zS	605.7	359	SupplierStandard	309
103102504100339	25	2,160	Bright	sZ	659.7	359	SupplierStandard	309
103102503100339	25	2,160	Bright	zS	659.7	359	SupplierStandard	309
103102504300339	25	2,160	Galvanized	sZ	659.7	359	SupplierStandard	309
103102503300339	25	2,160	Galvanized	zS	659.7	359	SupplierStandard	309
103102604070339	26	1,960	Bright	sZ	655.1	389	SupplierStandard	334
103102603070339	26	1,960	Bright	zS	655.1	389	SupplierStandard	334
103102604270339	26	1,960	Galvanized	sZ	655.1	389	SupplierStandard	334
103102603270339	26	1,960	Galvanized	zS	655.1	389	SupplierStandard	334
103102604100339	26	2,160	Bright	sZ	713.5	389	SupplierStandard	334
103102603100339	26	2,160	Bright	zS	713.5	389	SupplierStandard	334
103102604300339	26	2,160	Galvanized	sZ	713.5	389	SupplierStandard	334
103102603300339	26	2,160	Galvanized	zS	713.5	389	SupplierStandard	334
103102704070339	27	1,960	Bright	sZ	706.5	419	SupplierStandard	360
103102703070339	27	1,960	Bright	zS	706.5	419	SupplierStandard	360
103102704270339	27	1,960	Galvanized	sZ	706.5	419	SupplierStandard	360
103102703270339	27	1,960	Galvanized	zS	706.5	419	SupplierStandard	360
103102704100339	27	2,160	Bright	sZ	769.5	419	SupplierStandard	360
103102703100339	27	2,160	Bright	zS	769.5	419	SupplierStandard	360
103102704300339	27	2,160	Galvanized	sZ	769.5	419	SupplierStandard	360
103102703300339	27	2,160	Galvanized	zS	769.5	419	SupplierStandard	360
103102804070339	28	1,960	Bright	sZ	759.8	451	SupplierStandard	388
103102803070339	28	1,960	Bright	zS	759.8	451	SupplierStandard	388
103102804270339	28	1,960	Galvanized	sZ	759.8	451	SupplierStandard	388
103102803270339	28	1,960	Galvanized	zS	759.8	451	SupplierStandard	388
103102804100339	28	2,160	Bright	sZ	827.5	451	SupplierStandard	388
103102803100339	28	2,160	Bright	zS	827.5	451	SupplierStandard	388
103102804300339	28	2,160	Galvanized	sZ	827.5	451	SupplierStandard	388
103102803300339	28	2,160	Galvanized	zS	827.5	451	SupplierStandard	388
103102904070339	29	1,960	Bright	sZ	815	484	SupplierStandard	416
103102903070339	29	1,960	Bright	zS	815	484	SupplierStandard	416

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Steel Wire Rope verotech 10

Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Steel area mm²	Lubrication	Weight kg/100m
103102904270339	29	1,960	Galvanized	sZ	815	484	SupplierStandard	416
103102903270339	29	1,960	Galvanized	zS	815	484	SupplierStandard	416
103102904100339	29	2,160	Bright	sZ	887.7	484	SupplierStandard	416
103102903100339	29	2,160	Bright	zS	887.7	484	SupplierStandard	416
103102904300339	29	2,160	Galvanized	sZ	887.7	484	SupplierStandard	416
103102903300339	29	2,160	Galvanized	zS	887.7	484	SupplierStandard	416
103103004070339	30	1,960	Bright	sZ	872.2	517	SupplierStandard	445
103103003070339	30	1,960	Bright	zS	872.2	517	SupplierStandard	445
103103004270339	30	1,960	Galvanized	sZ	872.2	517	SupplierStandard	445
103103003270339	30	1,960	Galvanized	zS	872.2	517	SupplierStandard	445
103103004100339	30	2,160	Bright	sZ	950	517	SupplierStandard	445
103103003100339	30	2,160	Bright	zS	950	517	SupplierStandard	445
103103004300339	30	2,160	Galvanized	sZ	950	517	SupplierStandard	445
103103003300339	30	2,160	Galvanized	zS	950	517	SupplierStandard	445
103103104070339	31	1,960	Bright	sZ	931.3	552	SupplierStandard	475
103103103070339	31	1,960	Bright	zS	931.3	552	SupplierStandard	475
103103104270339	31	1,960	Galvanized	sZ	931.3	552	SupplierStandard	475
103103103270339	31	1,960	Galvanized	zS	931.3	552	SupplierStandard	475
103103104100339	31	2,160	Bright	sZ	1,014	552	SupplierStandard	475
103103103100339	31	2,160	Bright	zS	1,014	552	SupplierStandard	475
103103104300339	31	2,160	Galvanized	sZ	1,014	552	SupplierStandard	475
103103103300339	31	2,160	Galvanized	zS	1,014	552	SupplierStandard	475
103103204070339	32	1,960	Bright	sZ	992.3	589	SupplierStandard	506
103103203070339	32	1,960	Bright	zS	992.3	589	SupplierStandard	506
103103204270339	32	1,960	Galvanized	sZ	992.3	589	SupplierStandard	506
103103203270339	32	1,960	Galvanized	zS	992.3	589	SupplierStandard	506
103103204100339	32	2,160	Bright	sZ	1,081	589	SupplierStandard	506
103103203100339	32	2,160	Bright	zS	1,081	589	SupplierStandard	506
103103204300339	32	2,160	Galvanized	sZ	1,081	589	SupplierStandard	506
103103203300339	32	2,160	Galvanized	zS	1,081	589	SupplierStandard	506
103103304070339	33	1,960	Bright	sZ	1,055	626	SupplierStandard	538

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Steel Wire Rope verotech 10

Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Steel area mm²	Lubrication	Weight kg/100m
103103303070339	33	1,960	Bright	zS	1,055	626	SupplierStandard	538
103103304270339	33	1,960	Galvanized	sZ	1,055	626	SupplierStandard	538
103103303270339	33	1,960	Galvanized	zS	1,055	626	SupplierStandard	538
103103304100339	33	2,160	Bright	sZ	1,149	626	SupplierStandard	538
103103303100339	33	2,160	Bright	zS	1,149	626	SupplierStandard	538
103103304300339	33	2,160	Galvanized	sZ	1,149	626	SupplierStandard	538
103103303300339	33	2,160	Galvanized	zS	1,149	626	SupplierStandard	538
103103404070339	34	1,960	Bright	sZ	1,120	665	SupplierStandard	572
103103403070339	34	1,960	Bright	zS	1,120	665	SupplierStandard	572
103103404270339	34	1,960	Galvanized	sZ	1,120	665	SupplierStandard	572
103103403270339	34	1,960	Galvanized	zS	1,120	665	SupplierStandard	572
103103404100339	34	2,160	Bright	sZ	1,220	665	SupplierStandard	572
103103403100339	34	2,160	Bright	zS	1,220	665	SupplierStandard	572
103103404300339	34	2,160	Galvanized	sZ	1,220	665	SupplierStandard	572
103103403300339	34	2,160	Galvanized	zS	1,220	665	SupplierStandard	572

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