

# Turboplast

## Product information



**Applications:** High breaking load and good resistance against crushing. Hoisting rope in multiple part reeving for smaller lifting heights as well as for twin hoist systems with left and right hand lay ropes for greater lifting heights.

**Features:**

- Very high breaking strength
- Very stable 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.

**Standard:** EN 12385-4

**ISO 4309 Rope Category No:** 8-48mm **RCN.09**, 50-72mm **RCN.11**

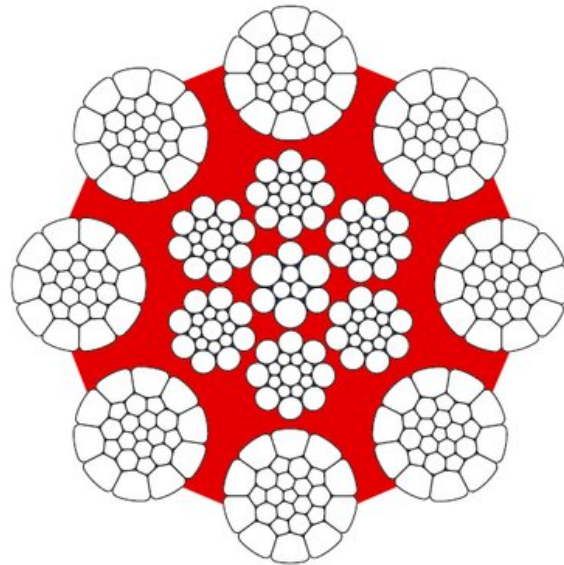
**Rope construction:** 8 strand rope made out of compacted outer strands. Has a plastic layer between the steel core and the outer strands.

**Marking:** According to standard

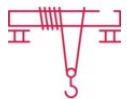
**Standard:** EN 12385-4

**Fill factor:** 0.66

**RCN:** 09



Overhead cranes



Mobile port crane



Offshore crane



Loading crane



Container crane



Crawler crane



Piling crane



Part Code	Rope Diameter, mm	Tensile strength N/mm <sup>2</sup>	Steel area mm <sup>2</sup>	Min. Breaking force, kN	Finish	Rope lay.	Weight kg/100m
103100804070169	8	1,960	33.4	58	Bright	sZ	0.29
103100803070169	8	1,960	33.4	58	Bright	zS	0.29
103100804270169	8	1,960	33.4	58	Galvanized	sZ	0.29
103100803270169	8	1,960	33.4	58	Galvanized	zS	0.29
103100904070169	9	1,960	42.8	74	Bright	sZ	0.37
103100903070169	9	1,960	42.8	74	Bright	zS	0.37
103100904270169	9	1,960	42.8	74	Galvanized	sZ	0.37
103100903270169	9	1,960	42.8	74	Galvanized	zS	0.37
103101004070169	10	1,960	53	90	Bright	sZ	0.46
103101003070169	10	1,960	53	90	Bright	zS	0.46
103101004270169	10	1,960	53	90	Galvanized	sZ	0.46
103101003270169	10	1,960	53	90	Galvanized	zS	0.46
103101104070169	11	1,960	63.8	109.7	Bright	sZ	0.56
103101103070169	11	1,960	63.8	109.7	Bright	zS	0.56
103101104270169	11	1,960	63.8	109.7	Galvanized	sZ	0.56
103101103270169	11	1,960	63.8	109.7	Galvanized	zS	0.56
103101204070169	12	1,960	75.7	130	Bright	sZ	0.66
103101203070169	12	1,960	75.7	130	Bright	zS	0.66
103101204270169	12	1,960	75.7	130	Galvanized	sZ	0.66
103101203270169	12	1,960	75.7	130	Galvanized	zS	0.66
103101274070169	12.7	1,960	84.9	146	Bright	sZ	0.74

103101273070169	12.7	1,960	84.9	146	Bright	zS	0.74
103101274270169	12.7	1,960	84.9	146	Galvanized	sZ	0.74
103101273270169	12.7	1,960	84.9	146	Galvanized	zS	0.74
103101304070169	13	1,960	89.5	147	Bright	sZ	0.78
103101303070169	13	1,960	89.5	147	Bright	zS	0.78
103101304270169	13	1,960	89.5	147	Galvanized	sZ	0.78
103101303270169	13	1,960	89.5	147	Galvanized	zS	0.78
103101404070169	14	1,960	103.1	177	Bright	sZ	0.9
103101403070169	14	1,960	103.1	177	Bright	zS	0.9
103101404270169	14	1,960	103.1	177	Galvanized	sZ	0.9
103101403270169	14	1,960	103.1	177	Galvanized	zS	0.9
103101504070169	15	1,960	119	205	Bright	sZ	1.04
103101503070169	15	1,960	119	205	Bright	zS	1.04
103101504270169	15	1,960	119	205	Galvanized	sZ	1.04
103101503270169	15	1,960	119	205	Galvanized	zS	1.04
103101604070169	16	1,960	135.5	232	Bright	sZ	1.18
103101603070169	16	1,960	135.5	232	Bright	zS	1.18
103101604270169	16	1,960	135.5	232	Galvanized	sZ	1.18
103101603270169	16	1,960	135.5	232	Galvanized	zS	1.18
103101704070169	17	1,960	152.4	259	Bright	sZ	1.33
103101703070169	17	1,960	152.4	259	Bright	zS	1.33
103101704270169	17	1,960	152.4	259	Galvanized	sZ	1.33
103101703270169	17	1,960	152.4	259	Galvanized	zS	1.33

103101804070169	18	1,960	168.9	292	Bright	sZ	1.47
103101803070169	18	1,960	168.9	292	Bright	zS	1.47
103101804270169	18	1,960	168.9	292	Galvanized	sZ	1.47
103101803270169	18	1,960	168.9	292	Galvanized	zS	1.47
103101904070169	19	1,960	189	327	Bright	sZ	1.64
103101903070169	19	1,960	189	327	Bright	zS	1.64
103101904270169	19	1,960	189	327	Galvanized	sZ	1.64
103101903270169	19	1,960	189	327	Galvanized	zS	1.64
103102004070169	20	1,960	210.7	361	Bright	sZ	1.83
103102003070169	20	1,960	210.7	361	Bright	zS	1.83
103102004270169	20	1,960	210.7	361	Galvanized	sZ	1.83
103102003270169	20	1,960	210.7	361	Galvanized	zS	1.83
103102104070169	21	1,960	226.9	394	Bright	sZ	1.97
103102103070169	21	1,960	226.9	394	Bright	zS	1.97
103102104270169	21	1,960	226.9	394	Galvanized	sZ	1.97
103102103270169	21	1,960	226.9	394	Galvanized	zS	1.97
103102204070169	22	1,960	251.9	439	Bright	sZ	2.19
103102203070169	22	1,960	251.9	439	Bright	zS	2.19
103102204270169	22	1,960	251.9	439	Galvanized	sZ	2.19
103102203270169	22	1,960	251.9	439	Galvanized	zS	2.19
103102304070169	23	1,960	275.1	478	Bright	sZ	2.39
103102303070169	23	1,960	275.1	478	Bright	zS	2.39
103102304270169	23	1,960	275.1	478	Galvanized	sZ	2.39

103102303270169	23	1,960	275.1	478	Galvanized	zS	2.39
103102404070169	24	1,960	299.5	514.3	Bright	sZ	2.61
103102403070169	24	1,960	299.5	514.3	Bright	zS	2.61
103102404270169	24	1,960	299.5	514.3	Galvanized	sZ	2.61
103102403270169	24	1,960	299.5	514.3	Galvanized	zS	2.61
103102504070169	25	1,960	324.2	566	Bright	sZ	2.82
103102503070169	25	1,960	324.2	566	Bright	zS	2.82
103102504270169	25	1,960	324.2	566	Galvanized	sZ	2.82
103102503270169	25	1,960	324.2	566	Galvanized	zS	2.82
103102604070169	26	1,960	352.4	616	Bright	sZ	3.07
103102603070169	26	1,960	352.4	616	Bright	zS	3.07
103102604270169	26	1,960	352.4	616	Galvanized	sZ	3.07
103102603270169	26	1,960	352.4	616	Galvanized	zS	3.07
103102704070169	27	1,960	380.3	657	Bright	sZ	3.31
103102703070169	27	1,960	380.3	657	Bright	zS	3.31
103102704270169	27	1,960	380.3	657	Galvanized	sZ	3.31
103102703270169	27	1,960	380.3	657	Galvanized	zS	3.31
103102804070169	28	1,960	405.2	707	Bright	sZ	3.53
103102803070169	28	1,960	405.2	707	Bright	zS	3.53
103102804270169	28	1,960	405.2	707	Galvanized	sZ	3.53
103102803270169	28	1,960	405.2	707	Galvanized	zS	3.53
103102904070169	29	1,960	436	760	Bright	sZ	3.79
103102903070169	29	1,960	436	760	Bright	zS	3.79

103102904270169	29	1,960	436	760	Galvanized	sZ	3.79
103102903270169	29	1,960	436	760	Galvanized	zS	3.79
103103004070169	30	1,960	470.8	813	Bright	sZ	4.1
103103003070169	30	1,960	470.8	813	Bright	zS	4.1
103103004270169	30	1,960	470.8	813	Galvanized	sZ	4.1
103103003270169	30	1,960	470.8	813	Galvanized	zS	4.1
103103104070169	31	1,960	502.3	869	Bright	sZ	4.37
103103103070169	31	1,960	502.3	869	Bright	zS	4.37
103103104270169	31	1,960	502.3	869	Galvanized	sZ	4.37
103103103270169	31	1,960	502.3	869	Galvanized	zS	4.37
103103204070169	32	1,960	533.7	938	Bright	sZ	4.64
103103203070169	32	1,960	533.7	938	Bright	zS	4.64
103103204270169	32	1,960	533.7	938	Galvanized	sZ	4.64
103103203270169	32	1,960	533.7	938	Galvanized	zS	4.64
103103304070169	33	1,960	571.8	979	Bright	sZ	4.98
103103303070169	33	1,960	571.8	979	Bright	zS	4.98
103103304270169	33	1,960	571.8	979	Galvanized	sZ	4.98
103103303270169	33	1,960	571.8	979	Galvanized	zS	4.98
103103404070169	34	1,960	601.4	1,055	Bright	sZ	5.23
103103403070169	34	1,960	601.4	1,055	Bright	zS	5.23
103103404270169	34	1,960	601.4	1,055	Galvanized	sZ	5.23
103103403270169	34	1,960	601.4	1,055	Galvanized	zS	5.23
103103604070169	36	1,960	670.5	1,164	Bright	sZ	5.83

103103603070169	36	1,960	670.5	1,164	Bright	zS	5.83
103103604270169	36	1,960	670.5	1,164	Galvanized	sZ	5.83
103103603270169	36	1,960	670.5	1,164	Galvanized	zS	5.83
103103804070169	38	1,960	753.1	1,301	Bright	sZ	6.55
103103803070169	38	1,960	753.1	1,301	Bright	zS	6.55
103103804270169	38	1,960	753.1	1,301	Galvanized	sZ	6.55
103103803270169	38	1,960	753.1	1,301	Galvanized	zS	6.55
103104004070169	40	1,960	837.9	1,438	Bright	sZ	7.29
103104003070169	40	1,960	837.9	1,438	Bright	zS	7.29
103104004270169	40	1,960	837.9	1,438	Galvanized	sZ	7.29
103104003270169	40	1,960	837.9	1,438	Galvanized	zS	7.29
103104204070169	42	1,960	914.7	1,591	Bright	sZ	7.96
103104203070169	42	1,960	914.7	1,591	Bright	zS	7.96
103104204270169	42	1,960	914.7	1,591	Galvanized	sZ	7.96
103104203270169	42	1,960	914.7	1,591	Galvanized	zS	7.96
103104404070169	44	1,960	1,010.7	1,739	Bright	sZ	8.79
103104403070169	44	1,960	1,010.7	1,739	Bright	zS	8.79
103104404270169	44	1,960	1,010.7	1,739	Galvanized	sZ	8.79
103104403270169	44	1,960	1,010.7	1,739	Galvanized	zS	8.79
103104604070169	46	1,960	1,102.4	1,916	Bright	sZ	9.59
103104603070169	46	1,960	1,102.4	1,916	Bright	zS	9.59
103104604270169	46	1,960	1,102.4	1,916	Galvanized	sZ	9.59
103104603270169	46	1,960	1,102.4	1,916	Galvanized	zS	9.59

103104804070169	48	1,960	1,201.1	2,079	Bright	sZ	10.45
103104803070169	48	1,960	1,201.1	2,079	Bright	zS	10.45
103104804270169	48	1,960	1,201.1	2,079	Galvanized	sZ	10.45
103104803270169	48	1,960	1,201.1	2,079	Galvanized	zS	10.45
103105004070169	50	1,960	1,303.7	2,265	Bright	sZ	10.95
103105003070169	50	1,960	1,303.7	2,265	Bright	zS	10.95
103105004270169	50	1,960	1,303.7	2,265	Galvanized	sZ	10.95
103105003270169	50	1,960	1,303.7	2,265	Galvanized	zS	10.95
103105204070169	52	1,960	1,409.4	2,448	Bright	sZ	11.84
103105203070169	52	1,960	1,409.4	2,448	Bright	zS	11.84
103105204270169	52	1,960	1,409.4	2,448	Galvanized	sZ	11.84
103105203270169	52	1,960	1,409.4	2,448	Galvanized	zS	11.84
103105404070169	54	1,960	1,520	2,641	Bright	sZ	12.77
103105403070169	54	1,960	1,520	2,641	Bright	zS	12.77
103105404270169	54	1,960	1,520	2,641	Galvanized	sZ	12.77
103105403270169	54	1,960	1,520	2,641	Galvanized	zS	12.77
103105604070169	56	1,960	1,628.1	2,828	Bright	sZ	13.68
103105603070169	56	1,960	1,628.1	2,828	Bright	zS	13.68
103105604270169	56	1,960	1,628.1	2,828	Galvanized	sZ	13.68
103105603270169	56	1,960	1,628.1	2,828	Galvanized	zS	13.68
103105804070169	58	1,960	1,739.3	3,022	Bright	sZ	14.61
103105803070169	58	1,960	1,739.3	3,022	Bright	zS	14.61
103105804270169	58	1,960	1,739.3	3,022	Galvanized	sZ	14.61



103105803270169	58	1,960	1,739.3	3,022	Galvanized	zS	14.61
103106004070169	60	1,960	1,865.9	3,242	Bright	sZ	15.67
103106003070169	60	1,960	1,865.9	3,242	Bright	zS	15.67
103106004270169	60	1,960	1,865.9	3,242	Galvanized	sZ	15.67
103106003270169	60	1,960	1,865.9	3,242	Galvanized	zS	15.67
103106204070169	62	1,960	1,994.2	3,364	Bright	sZ	16.75
103106203070169	62	1,960	1,994.2	3,364	Bright	zS	16.75
103106204270169	62	1,960	1,994.2	3,364	Galvanized	sZ	16.75
103106203270169	62	1,960	1,994.2	3,364	Galvanized	zS	16.75
103106404070169	64	1,960	2,132.4	3,597	Bright	sZ	17.91
103106403070169	64	1,960	2,132.4	3,597	Bright	zS	17.91
103106404270169	64	1,960	2,132.4	3,597	Galvanized	sZ	17.91
103106403270169	64	1,960	2,132.4	3,597	Galvanized	zS	17.91
103106604070169	66	1,960	2,272.3	3,833	Bright	sZ	19.09
103106603070169	66	1,960	2,272.3	3,833	Bright	zS	19.09
103106604270169	66	1,960	2,272.3	3,833	Galvanized	sZ	19.09
103106603270169	66	1,960	2,272.3	3,833	Galvanized	zS	19.09
103106804070169	68	1,960	2,403.4	4,055	Bright	sZ	20.19
103106803070169	68	1,960	2,403.4	4,055	Bright	zS	20.19
103106804270169	68	1,960	2,403.4	4,055	Galvanized	sZ	20.19
103106803270169	68	1,960	2,403.4	4,055	Galvanized	zS	20.19
103107004070169	70	1,960	2,537.6	4,281	Bright	sZ	21.32
103107003070169	70	1,960	2,537.6	4,281	Bright	zS	21.32

103107004270169	70	1,960	2,537.6	4,281	Galvanized	sZ	21.32
103107003270169	70	1,960	2,537.6	4,281	Galvanized	zS	21.32
103107204070169	72	1,960	2,689.8	4,538	Bright	sZ	22.6
103107203070169	72	1,960	2,689.8	4,538	Bright	zS	22.6
103107204270169	72	1,960	2,689.8	4,538	Galvanized	sZ	22.6
103107203270169	72	1,960	2,689.8	4,538	Galvanized	zS	22.6