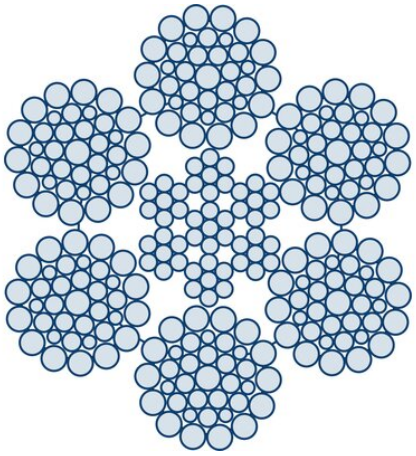
ROPETEX S65 6x36WS-IWRC

Product information



General use



Winch rope



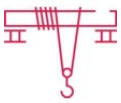
Crawler crane



Piling crane



Overhead cranes



STS crane



Straddle carrier



RTG



Ladle crane



Mobile port crane



Loading crane



Container crane



ROPETEX

sZ zS G

Ropetex S65 (and S16) steel wire ropes are the most commonly used type of steel wire ropes in the range from 8 to 38 mm. Both can be used for a variety of applications. Available as S65 with Independent Wire Rope Core (IWRC) or as S16 with Fiber Core (FC). S65 is less flexible but has higher strength and is more dimensionally stable, especially when used on sheaves or drums. S16 is more flexible but has a lower breaking strength.

Typical applications:

- Wire rope sling
- Winch rope
- Hoisting installations
- Lifting applications
- Lifting rope
- Mooring rope
- Towing rope
- Cranes
- Hoists

Available in Right Hand Ordinary Lay (RHOL) and Left Hand Ordinary Lay (LHOL).

Alternatives:

- Ropetex S16 is a very comparable rope with a Fiber Core (FC) instead of an Independent Steel Wire Rope Core (IWRC);

... *Read more*

Rope construction: 6x36WS-IWRC
Marking: According to standard
Temperature range: -40°C up to +200°C, for operating temperatures between 100°C and 200°C reduce MBF by minus 10 %
Standard: EN 12385-4, AS 3569

Fill factor: 0,58
RCN: 09

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ROPETEX S65 6x36WS-IWRC

Offshore crane



Tower crane



Stay rope



Slings



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ROPETEX S65 6x36WS-IWRC

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
101100804270028	8	1,960	Galvanized	sZ	44.7	29.4	No-Lube	26
101100804270021	8	1,960	Galvanized	sZ	44.7	29.4	A-1	26.2
101100803270021	8	1,960	Galvanized	zS	44.7	29.4	A-1	26.2
101100803270022	8	1,960	Galvanized	zS	44.7	29.4	A-2	26.2
101100804270022	8	1,960	Galvanized	sZ	44.7	29.4	A-2	26.2
101100804270020	8	1,960	Galvanized	sZ	44.7	29.4	Dry	26.2
101100904270021	9	1,960	Galvanized	sZ	56.5	37.3	A-1	33.1
101100903270021	9	1,960	Galvanized	zS	56.5	37.3	A-1	33.1
101100903270022	9	1,960	Galvanized	zS	56.5	37.3	A-2	33.1
101100904270022	9	1,960	Galvanized	sZ	56.5	37.3	A-2	33.1
101100904270020	9	1,960	Galvanized	sZ	56.5	37.3	Dry	33.1
101101004270021	10	1,960	Galvanized	sZ	69.8	46	A-1	40.9
101101003270021	10	1,960	Galvanized	zS	69.8	46	A-1	40.9
101101003270022	10	1,960	Galvanized	zS	69.8	46	A-2	40.9
101101004270022	10	1,960	Galvanized	sZ	69.8	46	A-2	40.9
101101004070023	10	1,960	Bright	sZ	69.8	46	A-3	40.9
101101004270020	10	1,960	Galvanized	sZ	69.8	46	Dry	40.9
101101004270028	10	1,960	Galvanized	sZ	69.8	46	No-Lube	41
101101104270021	11	1,960	Galvanized	sZ	84.4	55.7	A-1	49.5
101101103270021	11	1,960	Galvanized	zS	84.4	55.7	A-1	49.5
101101103270022	11	1,960	Galvanized	zS	84.4	55.7	A-2	49.5
101101104270022	11	1,960	Galvanized	sZ	84.4	55.7	A-2	49.5
101101204270021	12	1,960	Galvanized	sZ	100	66.2	A-1	58.9
101101203270021	12	1,960	Galvanized	zS	100	66.2	A-1	58.9
101101203270022	12	1,960	Galvanized	zS	100	66.2	A-2	58.9
101101204270022	12	1,960	Galvanized	sZ	100	66.2	A-2	58.9
101101204070023	12	1,960	Bright	sZ	100	66.2	A-3	58.9
101101204270020	12	1,960	Galvanized	sZ	100	66.2	Dry	58.9
101101204270028	12	1,960	Galvanized	sZ	100	66.2	No-Lube	59
101101304270021	13	1,960	Galvanized	sZ	118	77.7	A-1	69.1
101101303270021	13	1,960	Galvanized	zS	118	77.7	A-1	69.1

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ROPETEX S65 6x36WS-IWRC

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
101101303270022	13	1,960	Galvanized	zS	118	77.7	A-2	69.1
101101304270022	13	1,960	Galvanized	sZ	118	77.7	A-2	69.1
101101404270028	14	1,960	Galvanized	sZ	137	90.2	No-Lube	80
101101404270021	14	1,960	Galvanized	sZ	137	90.2	A-1	80.2
101101403270021	14	1,960	Galvanized	zS	137	90.2	A-1	80.2
101101403270022	14	1,960	Galvanized	zS	137	90.2	A-2	80.2
101101404270022	14	1,960	Galvanized	sZ	137	90.2	A-2	80.2
101101404070023	14	1,960	Bright	sZ	137	90.2	A-3	80.2
101101404270020	14	1,960	Galvanized	sZ	137	90.2	Dry	80.2
101101604270021	16	1,960	Galvanized	sZ	179	118	A-1	105
101101603270021	16	1,960	Galvanized	zS	179	118	A-1	105
101101603070021	16	1,960	Bright	zS	179	118	A-1	105
101101604070022	16	1,960	Bright	sZ	179	118	A-2	105
101101603270022	16	1,960	Galvanized	zS	179	118	A-2	105
101101604270022	16	1,960	Galvanized	sZ	179	118	A-2	105
101101604070023	16	1,960	Bright	sZ	179	118	A-3	105
101101604270020	16	1,960	Galvanized	sZ	179	118	Dry	105
101101704270021	17	1,960	Galvanized	sZ	202	133	A-1	118
101101703270021	17	1,960	Galvanized	zS	202	133	A-1	118
101101703070021	17	1,960	Bright	zS	202	133	A-1	118
101101704070022	17	1,960	Bright	sZ	202	133	A-2	118
101101703270022	17	1,960	Galvanized	zS	202	133	A-2	118
101101704270022	17	1,960	Galvanized	sZ	202	133	A-2	118
101101804270021	18	1,960	Galvanized	sZ	226	149	A-1	133
101101803270021	18	1,960	Galvanized	zS	226	149	A-1	133
101101803070021	18	1,960	Bright	zS	226	149	A-1	133
101101804070022	18	1,960	Bright	sZ	226	149	A-2	133
101101803270022	18	1,960	Galvanized	zS	226	149	A-2	133
101101804270022	18	1,960	Galvanized	sZ	226	149	A-2	133
101101804270028	18	1,960	Galvanized	sZ	226	149	No-Lube	133
101101804070023	18	1,960	Bright	sZ	226	149	A-3	133

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ROPETEX S65 6x36WS-IWRC

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
101101904270021	19	1,960	Galvanized	sZ	252	166	A-1	148
101101903270021	19	1,960	Galvanized	zS	252	166	A-1	148
101101903070021	19	1,960	Bright	zS	252	166	A-1	148
101101904070022	19	1,960	Bright	sZ	252	166	A-2	148
101101903270022	19	1,960	Galvanized	zS	252	166	A-2	148
101101904270022	19	1,960	Galvanized	sZ	252	166	A-2	148
101102004270021	20	1,960	Galvanized	sZ	279	184	A-1	164
101102003270021	20	1,960	Galvanized	zS	279	184	A-1	164
101102003070021	20	1,960	Bright	zS	279	184	A-1	164
101102004070022	20	1,960	Bright	sZ	279	184	A-2	164
101102003270022	20	1,960	Galvanized	zS	279	184	A-2	164
101102004270022	20	1,960	Galvanized	sZ	279	184	A-2	164
101102004270028	20	1,960	Galvanized	sZ	279	184	No-Lube	164
101102004070023	20	1,960	Bright	sZ	279	184	A-3	164
101102004270020	20	1,960	Galvanized	sZ	279	184	Dry	164
101102204270021	22	1,960	Galvanized	sZ	338	223	A-1	198
101102203270021	22	1,960	Galvanized	zS	338	223	A-1	198
101102203070021	22	1,960	Bright	zS	338	223	A-1	198
101102204070022	22	1,960	Bright	sZ	338	223	A-2	198
101102203270022	22	1,960	Galvanized	zS	338	223	A-2	198
101102204270022	22	1,960	Galvanized	sZ	338	223	A-2	198
101102204070023	22	1,960	Bright	sZ	338	223	A-3	198
101102404270021	24	1,960	Galvanized	sZ	402	265	A-1	236
101102403270021	24	1,960	Galvanized	zS	402	265	A-1	236
101102403070021	24	1,960	Bright	zS	402	265	A-1	236
101102404070022	24	1,960	Bright	sZ	402	265	A-2	236
101102403270022	24	1,960	Galvanized	zS	402	265	A-2	236
101102404270022	24	1,960	Galvanized	sZ	402	265	A-2	236
101102403070023	24	1,960	Bright	zS	402	265	A-3	236
101102404070023	24	1,960	Bright	sZ	402	265	A-3	236
101102504070023	25	1,960	Bright	sZ	436	288	A-3	256

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ROPETEX S65 6x36WS-IWRC

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
101102504270023	25	1,960	Galvanized	sZ	436	288	A-3	256
101102604270021	26	1,960	Galvanized	sZ	472	311	A-1	276
101102603270021	26	1,960	Galvanized	zS	472	311	A-1	276
101102603070021	26	1,960	Bright	zS	472	311	A-1	276
101102604070022	26	1,960	Bright	sZ	472	311	A-2	276
101102603270022	26	1,960	Galvanized	zS	472	311	A-2	276
101102604270022	26	1,960	Galvanized	sZ	472	311	A-2	276
101102603070023	26	1,960	Bright	zS	472	311	A-3	276
101102604070023	26	1,960	Bright	sZ	472	311	A-3	276
101102604270020	26	1,960	Galvanized	sZ	472	311	Dry	276
101102804270021	28	1,960	Galvanized	sZ	547	361	A-1	321
101102803270021	28	1,960	Galvanized	zS	547	361	A-1	321
101102803070021	28	1,960	Bright	zS	547	361	A-1	321
101102804070022	28	1,960	Bright	sZ	547	361	A-2	321
101102803270022	28	1,960	Galvanized	zS	547	361	A-2	321
101102804270022	28	1,960	Galvanized	sZ	547	361	A-2	321
101102804270028	28	1,960	Galvanized	sZ	547	361	No-Lube	321
101102803070023	28	1,960	Bright	zS	547	361	A-3	321
101102804070023	28	1,960	Bright	sZ	547	361	A-3	321
101103003270021	30	1,960	Galvanized	zS	628	414	A-1	368
101103003070021	30	1,960	Bright	zS	628	414	A-1	368
101103003270022	30	1,960	Galvanized	zS	628	414	A-2	368
101103004270021	30	1,960	Galvanized	sZ	629	414	A-1	368
101103004070022	30	1,960	Bright	sZ	629	414	A-2	368
101103004270022	30	1,960	Galvanized	sZ	629	414	A-2	368
101103204270021	32	1,960	Galvanized	sZ	715	471	A-1	419
101103203270021	32	1,960	Galvanized	zS	715	471	A-1	419
101103203070021	32	1,960	Bright	zS	715	471	A-1	419
101103204070022	32	1,960	Bright	sZ	715	471	A-2	419
101103203270022	32	1,960	Galvanized	zS	715	471	A-2	419
101103204270022	32	1,960	Galvanized	sZ	715	471	A-2	419

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ROPETEX S65 6x36WS-IWRC

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
101103203070023	32	1,960	Bright	zS	715	471	A-3	419
101103204070023	32	1,960	Bright	sZ	715	471	A-3	419
101103404270021	34	1,960	Galvanized	sZ	807	532	A-1	473
101103403270021	34	1,960	Galvanized	zS	807	532	A-1	473
101103403070021	34	1,960	Bright	zS	807	532	A-1	473
101103404070022	34	1,960	Bright	sZ	807	532	A-2	473
101103403270022	34	1,960	Galvanized	zS	807	532	A-2	473
101103404270022	34	1,960	Galvanized	sZ	807	532	A-2	473
101103504070022	35	1,960	Bright	sZ	855	564	A-2	501
101103504270022	35	1,960	Galvanized	sZ	855	564	A-2	501
101103604270021	36	1,960	Galvanized	sZ	904	596	A-1	530
101103603270021	36	1,960	Galvanized	zS	904	596	A-1	530
101103603070021	36	1,960	Bright	zS	904	596	A-1	530
101103604070022	36	1,960	Bright	sZ	904	596	A-2	530
101103603270022	36	1,960	Galvanized	zS	904	596	A-2	530
101103604270022	36	1,960	Galvanized	sZ	904	596	A-2	530
101103604270028	36	1,960	Galvanized	sZ	-	-	No-Lube	-
101103804270022	38	1,960	Galvanized	sZ	1,008	664	A-2	591
101103804270021	38	1,960	Galvanized	sZ	1,010	664	A-1	591
101103803270021	38	1,960	Galvanized	zS	1,010	664	A-1	591
101103803070021	38	1,960	Bright	zS	1,010	664	A-1	591
101103804070022	38	1,960	Bright	sZ	1,010	664	A-2	591
101103803270022	38	1,960	Galvanized	zS	1,010	664	A-2	591
101103803070022	38	1,960	Bright	zS	1,010	664	A-2	591
101103803270021	38	1,960	Galvanized	zS	1,010	664	A-1	591
101104004270021	40	1,960	Galvanized	sZ	1,120	736	A-1	654
101104003270021	40	1,960	Galvanized	zS	1,120	736	A-1	654
101104004270022	40	1,960	Galvanized	sZ	1,120	736	A-2	654
101104403270021	44	1,960	Galvanized	zS	1,250	891	A-1	792
101104404270021	44	1,960	Galvanized	sZ	1,350	891	A-1	792
101104803270021	48	1,960	Galvanized	zS	1,610	1,060	A-1	942

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ROPETEX S65 6x36WS-IWRC

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
101104804270021	48	1,960	Galvanized	sZ	1,610	1,060	A-1	942
101105204270021	52	1,960	Galvanized	sZ	1,890	1,244	A-1	1,106
101105604270021	56	1,960	Galvanized	sZ	2,190	1,443	A-1	1,283
101106004270021	60	1,960	Galvanized	sZ	2,510	1,656	A-1	1,472
101106404270021	64	1,960	Galvanized	sZ	2,860	1,884	A-1	1,675
101106803270021	68	1,960	Galvanized	zS	3,230	2,127	A-1	1,891
101106804270021	68	1,960	Galvanized	sZ	3,230	2,127	A-1	1,891

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