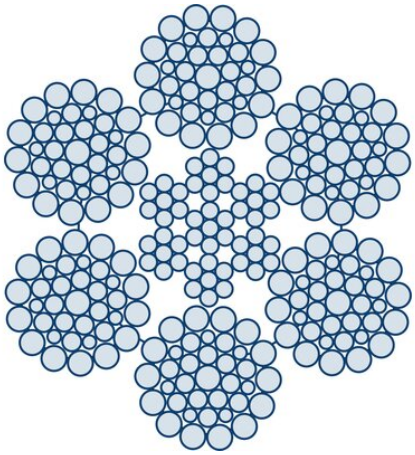
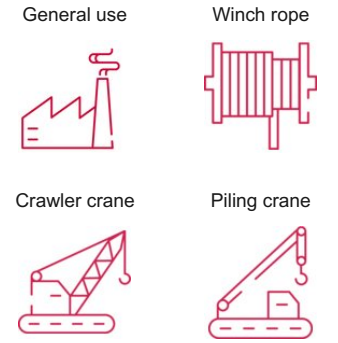
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Steel Wire Rope Ropetex S65

Product information





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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Steel Wire Rope Ropetex S65

Offshore crane



Tower crane



Stay rope



Slings



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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
101100804270021	8	1,960	Galvanized	sZ	44.7	29.4	A-1	26.2
101100904270021	9	1,960	Galvanized	sZ	56.5	37.3	A-1	33.1
101101004270021	10	1,960	Galvanized	sZ	69.8	46	A-1	40.9
101101104270021	11	1,960	Galvanized	sZ	84.4	55.7	A-1	49.5
101101204270021	12	1,960	Galvanized	sZ	100	66.2	A-1	58.9
101101304270021	13	1,960	Galvanized	sZ	118	77.7	A-1	69.1
101101403270021	14	1,960	Galvanized	zS	137	90.2	A-1	80.2
101101404270021	14	1,960	Galvanized	sZ	137	90.2	A-1	80.2
101101603270021	16	1,960	Galvanized	zS	179	118	A-1	105
101101604270021	16	1,960	Galvanized	sZ	179	118	A-1	105
101101704270021	17	1,960	Galvanized	sZ	202	133	A-1	118
101101803270021	18	1,960	Galvanized	zS	226	149	A-1	133
101101804270021	18	1,960	Galvanized	sZ	226	149	A-1	133
101101903270021	19	1,960	Galvanized	zS	252	166	A-1	148
101101904270021	19	1,960	Galvanized	sZ	252	166	A-1	148
101102003270021	20	1,960	Galvanized	zS	279	184	A-1	164
101102004270021	20	1,960	Galvanized	sZ	279	184	A-1	164
101102203270021	22	1,960	Galvanized	zS	338	223	A-1	198
101102204270021	22	1,960	Galvanized	sZ	338	223	A-1	198
101102403270021	24	1,960	Galvanized	zS	402	265	A-1	236
101102404270021	24	1,960	Galvanized	sZ	402	265	A-1	236
101102603270021	26	1,960	Galvanized	zS	472	311	A-1	276
101102604270021	26	1,960	Galvanized	sZ	472	311	A-1	276
101102803270021	28	1,960	Galvanized	zS	547	361	A-1	321
101102804270021	28	1,960	Galvanized	sZ	547	361	A-1	321
101103003270021	30	1,960	Galvanized	zS	628	414	A-1	368
101103004270021	30	1,960	Galvanized	sZ	629	414	A-1	368
101103203270021	32	1,960	Galvanized	zS	715	471	A-1	419
101103204270021	32	1,960	Galvanized	sZ	715	471	A-1	419
101103404270021	34	1,960	Galvanized	sZ	807	532	A-1	473
101103603270021	36	1,960	Galvanized	zS	904	596	A-1	530

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Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Steel area mm²	Lubrication	Weight kg/100m
101103604270021	36	1,960	Galvanized	sZ	904	596	A-1	530
101103804270021	38	1,960	Galvanized	sZ	1,010	664	A-1	591

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