

Steel Wire Rope ROPETEX S65

Product information

ROPETEX



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);

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

Fill factor: 0,58

RCN: 09

General use



Winch rope



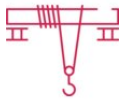
Crawler crane



Piling crane



Overhead cranes



STS crane



Straddle carrier



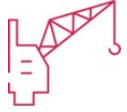
RTG



Ladle crane



Mobile port crane



Loading crane



Container crane



Offshore crane



Tower crane



Stay rope



Slings



Part Code	Rope Diameter,	Tensile strength N/mm ²	Steel area mm ²	Min. Breaking force kN	Finish	Rope lay.	Weight kg/100m
101100804270021	8	1,960	29.4	44.7	Galvanized	sZ	26.2
101100904270021	9	1,960	37.3	56.5	Galvanized	sZ	33.1
101101004270021	10	1,960	46	69.8	Galvanized	sZ	40.9
101101104270021	11	1,960	55.7	84.4	Galvanized	sZ	49.5
101101204270021	12	1,960	66.2	100	Galvanized	sZ	58.9
101101304270021	13	1,960	77.7	118	Galvanized	sZ	69.1
101101403270021	14	1,960	90.2	137	Galvanized	zS	80.2
101101404270021	14	1,960	90.2	137	Galvanized	sZ	80.2
101101603270021	16	1,960	118	179	Galvanized	zS	105
101101604270021	16	1,960	118	179	Galvanized	sZ	105
101101704270021	17	1,960	133	202	Galvanized	sZ	118
101101803270021	18	1,960	149	226	Galvanized	zS	133

101101804270021	18	1,960	149	226	Galvanized	sZ	133
101101903270021	19	1,960	166	252	Galvanized	zS	148
101101904270021	19	1,960	166	252	Galvanized	sZ	148
101102003270021	20	1,960	184	279	Galvanized	zS	164
101102004270021	20	1,960	184	279	Galvanized	sZ	164
101102203270021	22	1,960	223	338	Galvanized	zS	198
101102204270021	22	1,960	223	338	Galvanized	sZ	198
101102403270021	24	1,960	265	402	Galvanized	zS	236
101102404270021	24	1,960	265	402	Galvanized	sZ	236
101102603270021	26	1,960	311	472	Galvanized	zS	276
101102604270021	26	1,960	311	472	Galvanized	sZ	276
101102803270021	28	1,960	361	547	Galvanized	zS	321
101102804270021	28	1,960	361	547	Galvanized	sZ	321
101103003270021	30	1,960	414	628	Galvanized	zS	368
101103004270021	30	1,960	414	629	Galvanized	sZ	368
101103203270021	32	1,960	471	715	Galvanized	zS	419
101103204270021	32	1,960	471	715	Galvanized	sZ	419
101103404270021	34	1,960	532	807	Galvanized	sZ	473
101103603270021	36	1,960	596	904	Galvanized	zS	530
101103604270021	36	1,960	596	904	Galvanized	sZ	530
101103804270021	38	1,960	664	1,010	Galvanized	sZ	591