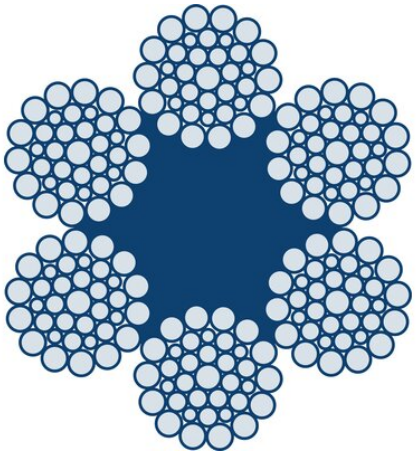
Steel Wire Rope Ropetex S16

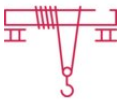
Product information



General use



Overhead cranes



Slings



ROPETEX

sZ zS G

ROPETEX S16 (and S65) 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 S16 with Fiber Core (FC) or as S65 with Independent Wire Rope Core (IWRC). S16 is more flexible but has a lower breaking strength.

S65 is less flexible but has higher strength and is more dimensionally stable, especially when used on sheaves or drums.

Typical applications:

- Wire rope sling
- Hoisting installations
- Lifting rope
- Mooring cable
- Towing rope
- Lifting applications

Alternatives:

- ROPETEX S65 is a very comparable rope with an Independent Steel Wire Rope Core (IWRC) instead of a Fiber Core (FC);

... *Read more*

Rope construction: 6x36WS-FC
Marking: According to standard
Temperature range: -40°C up to +100°C
Standard: EN 12385-4, AS 3569

Fill factor: 0,5
RCN: 09

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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
101100804270011	8	1,960	Galvanized	sZ	41.4	25.2	A-1	23.5
101100804270010	8	1,960	Galvanized	sZ	41.4	25.2	Dry	23.5
101100904270011	9	1,960	Galvanized	sZ	52.4	31.8	A-1	29.7
101100904270010	9	1,960	Galvanized	sZ	52.4	31.8	Dry	29.7
101101004270011	10	1,960	Galvanized	sZ	64.7	39.3	A-1	36.7
101101004270010	10	1,960	Galvanized	sZ	64.7	39.3	Dry	36.7
101101104270011	11	1,960	Galvanized	sZ	78.3	47.6	A-1	44.4
101101104270010	11	1,960	Galvanized	sZ	78.3	47.6	Dry	44.4
101101204270011	12	1,960	Galvanized	sZ	93.1	56.6	A-1	52.8
101101204270010	12	1,960	Galvanized	sZ	93.1	56.6	Dry	52.8
101101304270011	13	1,960	Galvanized	sZ	109	66.4	A-1	62
101101304270010	13	1,960	Galvanized	sZ	109	66.4	Dry	62
101101404270011	14	1,960	Galvanized	sZ	127	77	A-1	71.9
101101404270010	14	1,960	Galvanized	sZ	127	77	Dry	71.9
101101504270011	15	1,960	Galvanized	sZ	146	88.4	A-1	82.6
101101504270010	15	1,960	Galvanized	sZ	146	88.4	Dry	82.6
101101604270011	16	1,960	Galvanized	sZ	166	101	A-1	94
101101604270010	16	1,960	Galvanized	sZ	166	101	Dry	94
101101704270011	17	1,960	Galvanized	sZ	187	114	A-1	106
101101704270010	17	1,960	Galvanized	sZ	187	114	Dry	106
101101804270011	18	1,960	Galvanized	sZ	210	127.3	A-1	119
101101804270010	18	1,960	Galvanized	sZ	210	127.3	Dry	119
101101904270011	19	1,960	Galvanized	sZ	233	142	A-1	132
101101904270010	19	1,960	Galvanized	sZ	233	142	Dry	132
101102004270011	20	1,960	Galvanized	sZ	259	157	A-1	147
101102004270010	20	1,960	Galvanized	sZ	259	157	Dry	147
101102204270011	22	1,960	Galvanized	sZ	313	190	A-1	178
101102204270010	22	1,960	Galvanized	sZ	313	190	Dry	178
101102404270011	24	1,960	Galvanized	sZ	373	226	A-1	211
101102404270010	24	1,960	Galvanized	sZ	373	226	Dry	211
101102403270011	24	1,960	Galvanized	zS	-	-	A-1	-

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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
101102604270011	26	1,960	Galvanized	sZ	437	266	A-1	248
101102604270010	26	1,960	Galvanized	sZ	437	266	Dry	248
101102804270011	28	1,960	Galvanized	sZ	507	308	A-1	288
101102804270010	28	1,960	Galvanized	sZ	507	308	Dry	288
101103004270011	30	1,960	Galvanized	sZ	582	354	A-1	330
101103004270010	30	1,960	Galvanized	sZ	582	354	Dry	330
101103204270011	32	1,960	Galvanized	sZ	662	402	A-1	376
101103204270010	32	1,960	Galvanized	sZ	662	402	Dry	376
101103604270011	36	1,960	Galvanized	sZ	838	509	A-1	476
101103604270010	36	1,960	Galvanized	sZ	838	509	Dry	476
101103804270011	38	1,960	Galvanized	sZ	934	567	A-1	530
101103804270010	38	1,960	Galvanized	sZ	934	567	Dry	530

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