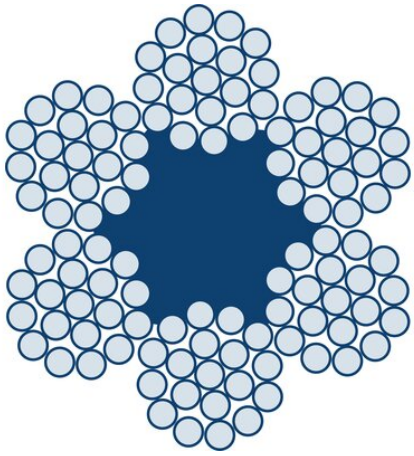
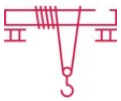
Steel Wire Rope Ropetex S14

Product information



General use

Overhead cranes



Slings

ROPETEX

sZ G

Ropetex S14 is a popular choice of steel wire rope in diameters from 3 to 12 mm. Ropetex S14 is equipped with a Fiber Core (FC), which makes the rope very flexible with reasonable strength.

Ropetex S14 can be used for applications where the rope runs over sheaves and pulleys. Also for cranes with low heights, when rotation resistant rope is not needed.

Ropetex S33 may be a better choice because it is equipped with a Wire Strand Core (WSC) which gives it higher strength and more resistance to crushing.

Typical applications:

- Garage doors
- Industrial doors
- Lifting applications
- Slings

Alternatives:

- Ropetex S33 is the same rope but with a Wire Strand Core instead of a Fibre Core, offering a higher strength but slightly less flexibility;
- Ropetex S16 offers comparable features as S14 but in diameter range 8-38 mm

... Read more

Rope construction: 6x19M-FC
Marking: According to standard
Temperature range: -40°C up to +100°C
Standard: EN 12385-4, AS 3569

Fill factor: 0,45
RCN: 04

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Lifting table

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Steel area mm²	Lubrication	Weight kg/100m
101100304250050	3	1,770	Galvanized	sZ	4.9	3.21	Dry	3.1
101100304270050	3	1,960	Galvanized	sZ	5.42	3.21	Dry	3.1
101100404250050	4	1,770	Galvanized	sZ	8.7	5.71	Dry	5.5
101100404270050	4	1,960	Galvanized	sZ	9.63	5.71	Dry	5.5
101100504250050	5	1,770	Galvanized	sZ	13.6	8.93	Dry	8.7
101100504270050	5	1,960	Galvanized	sZ	15	8.93	Dry	8.7
101100604250050	6	1,770	Galvanized	sZ	19.6	12.9	Dry	13
101100604270050	6	1,960	Galvanized	sZ	21.7	12.9	Dry	13
101100704250050	7	1,770	Galvanized	sZ	26.6	17.5	Dry	17
101100704270050	7	1,960	Galvanized	sZ	29.5	17.5	Dry	17
101100804270050	8	1,960	Galvanized	sZ	38.5	22.8	Dry	22.1
101101004270050	10	1,960	Galvanized	sZ	60.2	35.7	Dry	34.6
101101204270050	12	1,960	Galvanized	sZ	86.6	51.4	Dry	49.8

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