



General use



Overhead cranes



Slings



Steel Wire Rope ROPETEX S14

Product information

ROPETEX



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.

Rope construction: 6x19M-FC

Marking: According to standard

Temperature range: -40°C up to +100°C

Standard: EN 12385-4

Fill factor: 0,45

RCN: 04

Part Code	Rope Diameter, mm	Tensile strength N/mm ²	Finish	Rope lay.	Min. Breaking force kN	Steel area mm ²	Lubrication	Weight kg/100m
101100304250050	3	1,770	Galvanized	sZ	4.89	3.21	Dry	3.11
101100304270050	3	1,960	Galvanized	sZ	5.42	3.21	Dry	3.11
101100404250050	4	1,770	Galvanized	sZ	8.69	5.71	Dry	5.54
101100404270050	4	1,960	Galvanized	sZ	9.63	5.71	Dry	5.54
101100504250050	5	1,770	Galvanized	sZ	13.6	8.93	Dry	8.65
101100504270050	5	1,960	Galvanized	sZ	15	8.93	Dry	8.65
101100604250050	6	1,770	Galvanized	sZ	19.6	12.9	Dry	12.5
101100604270050	6	1,960	Galvanized	sZ	21.7	12.9	Dry	12.5
101100654250050	6.5	1,770	Galvanized	sZ	23	15.1	Dry	14.6
101100654270050	6.5	1,960	Galvanized	sZ	27.4	15.1	Dry	14.6
101100704250050	7	1,770	Galvanized	sZ	26.6	17.5	Dry	17
101100704270050	7	1,960	Galvanized	sZ	29.5	17.5	Dry	17
101100804250050	8	1,770	Galvanized	sZ	34.8	22.8	Dry	22.1
101100804270050	8	1,960	Galvanized	sZ	38.5	22.8	Dry	22.1
101101004250050	10	1,770	Galvanized	sZ	54.3	35.7	Dry	34.6
101101004270050	10	1,960	Galvanized	sZ	60.2	35.7	Dry	34.6
101101204250050	12	1,770	Galvanized	sZ	78.2	51.4	Dry	49.8
101101204270050	12	1,960	Galvanized	sZ	86.6	51.4	Dry	49.8
101101404250050	14	1,770	Galvanized	sZ	107	70	Dry	67.8
101101404270050	14	1,960	Galvanized	sZ	118	70	Dry	67.8