



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	Steel area mm²	Min. Breaking force kN. 1770 N/mm²	Min. Breaking force kN. 1960 N/mm²	Weight kg/100m
101100304250050	3	3.21	4.89	5.42	3.11
101100404250050	4	5.71	8.69	9.63	5.54
101100504250050	5	8.93	13.6	15	8.65
101100604250050	6	12.9	19.6	21.7	12.5
101100654250050	6.5	15.1	23	27.4	14.6
101100704250050	7	17.5	26.6	29.5	17
101100804250050	8	22.8	34.8	38.5	22.1
101101004250050	10	35.7	54.3	60.2	34.6
101101204250050	12	51.4	78.2	86.6	49.8
101101404250050	14	70	107	118	67.8