



General use



Steel Wire Rope ROPETEX S49

Product information

ROPETEX



ROPETEX S49 is a wire rope for general purposes like hanging signs, control and signaling devices, but not for lifting. It's most used in small diameters up to 6 mm. ROPETEX S49 is equipped with a Steel Core (WSC).

ROPETEX S42 is the same rope but has a Fibre Core (FC) and is therefore more flexible.

Rope construction: 6x7-WSC (7x7)

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

AS 3569

Warning: Not to be used for lifting purposes

Fill factor: 0,55

Australian Standard: AS 3569

| 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 |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|-------------|-------------------|
| 101100104270040 | 1 | 1,960 | Galvanized | sZ | 0.76 | 0.43 | Dry | 0.38 |
| 101100154270040 | 1.5 | 1,960 | Galvanized | sZ | 1.71 | 0.97 | Dry | 0.86 |
| 101100204270040 | 2 | 1,960 | Galvanized | sZ | 3.04 | 1.73 | Dry | 1.54 |
| 101100244270040 | 2.4 | 1,960 | Galvanized | sZ | 4.38 | - | Dry | 2.2 |
| 101100254270040 | 2.5 | 1,960 | Galvanized | sZ | 4.75 | 2.7 | Dry | 2.4 |
| 101100304270040 | 3 | 1,960 | Galvanized | sZ | 6.84 | 3.89 | Dry | 3.46 |
| 101100404270040 | 4 | 1,960 | Galvanized | sZ | 12.2 | 6.91 | Dry | 6.14 |
| 101100604270040 | 6 | 1,960 | Galvanized | sZ | 27.4 | 15.6 | Dry | 14 |