



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

**Warning:** Not to be used for lifting purposes

**Fill factor:** 0,55

| Part code       | Rope diameter<br>mm | Tensile strength<br>N/mm <sup>2</sup> | Finish     | Rope lay | Min. breaking force<br>kN | Steel area<br>mm <sup>2</sup> | Lubrication | Weight<br>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              |
| 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                |