

## Steel Wire Rope ROPETEX S55

### Product information

**ROPETEX**



ROPETEX S55 is a rotating-resistant steel wire rope consisting of three layers of strands and a (steel) wire strand core. As the outer layer are closed in the opposite direction of the two inner layers this rope is considered as rotating-resistant steel wire rope.

ROPETEX S55 is available from 9 to 20 mm and can be used for unguided single part lifting even with great lifting heights.

ROPETEX S55 is good to use in several crane types like tower cranes, mobile cranes, electrical hoists and all other applications where a rotation resistant wire rope is required.

If you are searching for a comparable rope in a smaller diameter, look at ROPETEX S18.

**Rope construction:** 35(W)x7

**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

**Note:** Ropes of the class 35x7 have to be replaced always by ropes of the same/comparable class and never by ropes of class 18x7. Whereas ropes of the class 18x7 can be replaced also by ropes of 35x7 from a technical point of view.

**Fill factor:** 0,61

**RCN:** 23-2

Mobile crane



Self-erected crane



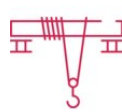
Tower crane



Luffing crane



Overhead cranes



Mobile port crane



Deck crane



Jib crane



Truck crane



| Part code       | Rope diameter<br>mm | Tensile strength<br>N/mm² | Finish     | Rope lay | Min. breaking force<br>kN | Steel area<br>mm² | Lubrication | Weight<br>kg/100m |
|-----------------|---------------------|---------------------------|------------|----------|---------------------------|-------------------|-------------|-------------------|
| 102100904270021 | 9                   | 1,960                     | Galvanized | sZ       | 57.2                      | 38.9              | A-1         | 36.8              |
| 102101004270021 | 10                  | 1,960                     | Galvanized | sZ       | 70.6                      | 48                | A-1         | 45.4              |
| 102101204270021 | 12                  | 1,960                     | Galvanized | sZ       | 102                       | 69.1              | A-1         | 65.4              |
| 102101304270021 | 13                  | 1,960                     | Galvanized | sZ       | 119                       | 81.1              | A-1         | 76.7              |
| 102101404270021 | 14                  | 1,960                     | Galvanized | sZ       | 138                       | 94.1              | A-1         | 89                |
| 102101504270021 | 15                  | 1,960                     | Galvanized | sZ       | 159                       | 108               | A-1         | 102               |
| 102101604270021 | 16                  | 1,960                     | Galvanized | sZ       | 181                       | 123               | A-1         | 116               |
| 102101804270021 | 18                  | 1,960                     | Galvanized | sZ       | 229                       | 156               | A-1         | 147               |
| 102101904270021 | 19                  | 1,960                     | Galvanized | sZ       | 255                       | 173               | A-1         | 164               |
| 102102004270021 | 20                  | 1,960                     | Galvanized | sZ       | 282                       | 192               | A-1         | 182               |
| 102102204270021 | 22                  | 1,960                     | Galvanized | sZ       | 342                       | 232               | A-1         | 220               |