

## 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



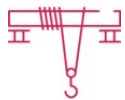
Tower crane



Luffing crane



Overhead cranes



Mobile port crane



Deck crane



Jib crane



Truck crane



Part Code	Rope Diameter, mm	Tensile strength N/mm <sup>2</sup>	Steel area mm <sup>2</sup>	Min. Breaking force, kN	Finish	Rope lay.	Weight kg/100m
102100904270021	9	1,960	38.9	57.2	Galvanized	sZ	36.8
102101004270021	10	1,960	48	70.6	Galvanized	sZ	45.4
102101204270021	12	1,960	69.1	102	Galvanized	sZ	65.4
102101304270021	13	1,960	81.1	119	Galvanized	sZ	76.7
102101404270021	14	1,960	94.1	138	Galvanized	sZ	89
102101504270021	15	1,960	108	159	Galvanized	sZ	102
102101604270021	16	1,960	123	181	Galvanized	sZ	116
102101804270021	18	1,960	156	229	Galvanized	sZ	147
102101904270021	19	1,960	173	255	Galvanized	sZ	164
102102004270021	20	1,960	192	282	Galvanized	sZ	182
102102204270021	22	1,960	232	342	Galvanized	sZ	220