

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



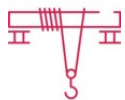
Tower crane



Luffing crane



Overhead cranes



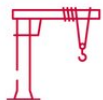
Mobile port crane



Deck crane



Jib crane



Truck crane



Part Code	Rope Diameter, mm	Steel area mm²	Min. Breaking force kN. 1960 N/mm²	Weight kg/100m
102100904270021	9	38.9	57.2	36.8
102101004270021	10	48	70.6	45.4
102101204270021	12	69.1	102	65.4
102101304270021	13	81.1	119	76.7
102101404270021	14	94.1	138	89
102101504270021	15	108	159	102
102101604270021	16	123	181	116
102101804270021	18	156	229	147
102101904270021	19	173	255	164
102102004270021	20	192	282	182