

PAWO F3

Special rope with steel-reinforced fiber core for elevators

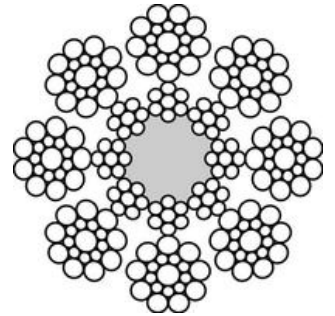
Product information

Special rope with steel-reinforced fiber core for elevators

For many years our elevator rope works standard **PAWO F3** has a proven history in many types of traction elevator applications. The outer strands are designed in Seale construction. The 9 thicker wires of the outer strand layer offer a higher wear resistance. The rope is primarily used where the service life is more defined by wear due to contact with the traction sheave then by rope fatigue due to bending. Deformations of the rope cross-section can be greatly reduced. The fiber content in the core of the steel wire rope works as a lubricant reservoir.

Properties

- Low and mid-rise
- small to intermediate number of bending cycles
- normal to heavy usage levels
- wear-resistant
- low elongation
- extended service life



Technical data

Construction: 8 x 19 Seale with steel-reinforced fiber core, regular lay,

Technical terms of delivery to DIN EN 12385, ISO 4344

Load-bearing wires in the outer strands: 152

Tensile grade 1570 N/mm², steel wire bright or galvanized

rope-Ø (permissible tolerance)	
no load:	with load (10% of F _{min})
max. 3% < 10 mm	min. -1% ≤ 10 mm
max. 2% > 10 mm	min. -1% > 10 mm

rope diameter (mm)	calculated mass (kg/m)	min. breaking load (kN)	part-no.
6,5	0,161	25,9	761206531
7	0,188	29,4	761207031
8	0,243	38,0	761208031
9	0,307	48,3	761209031
10	0,385	60,5	761210032
11	0,466	73,4	761211031
12	0,551	86,8	761212031
13	0,656	103,1	761213031
14	0,759	119,3	761214031
15	0,875	137,6	761215031
16	0,984	154,8	761216031
18	1,230	193,6	761218031
19	1,380	217,6	761219031
20	1,530	241,5	761220031