

PAWO F7S

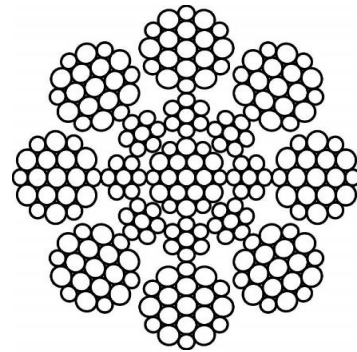
Social full steel rope with IWRC

Product info

Based on the PAWO F7 the PAWO F7S was developed. The fiber component of the F7 steel core was replaced by a steel strand, thus achieving an even higher metallic cross-section plus an even higher breaking strength. This full steel rope is primarily used in installations where the rope service life is more affected by the impact of permanent bends than by wear from the traction sheave. The steel wire rope core minimizes rope elongation in comparison to the types F3 and F7. As a consequence, the rope is particularly suitable for high-rise applications with many bending cycles.

Properties

- medium and high-rise
- intermediate to high number of bending cycles
- normal to heavy usage levels
- low stretch
- long service life



Technical data

Construction: 8 x 19 Warrington 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: blank oder verzinkt

rope- ϕ (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.
8	0,280	44,6	711208030
9	0,356	56,0	711209030
10	0,436	69,5	711210030
11	0,523	83,1	711211030
12	0,619	98,9	711212030
13	0,727	116,0	711213030
14	0,857	134,8	711214030
15*	0,959	152,8	711215030
16**	1,100	176,1	711216030
18*	1,375	218,6	711218030
19***	1,544	245,2	711219030
20*	1,704	270,8	711220030

* No stock material
 ** Can be used as 5/8" also
 *** Can be used as 3/4" also