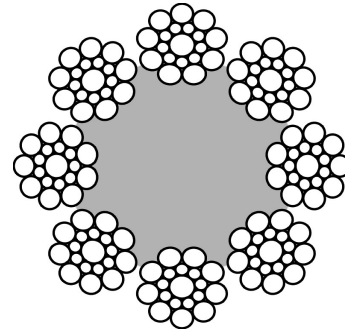


# F819 S-FE

- low rise
- low number of bending cycles
- low frequency
- own made fibre core
- wear-resistant
- good service life
- light and flexible



## Elevator rope with fibre core

date of issue:  
Sept. 2009

rope-Ø mm	calculated mass kg/m	minimum breaking load kN	part - no.
8	0,215	30,5	621208010
9	0,270	38,4	621209010
10	0,340	48,2	621210010
11	0,411	58,4	621211010
12	0,488	69,2	621212010
13	0,579	80,7	621213010
14	0,667	93,0	621214010
15	0,774	108,0	621215010
16	0,871	121,0	621216010
18	1,087	154,0	621218010
19	1,213	171,0	621219010
20	1,346	188,0	621220010

### rope-Ø : permissible tolerance

- ohne Last
  - max. 6% ≤ 10 mm
  - max. 5% > 10 mm
- mit Last (10% von F<sub>min</sub>)
  - min. 0% ≤ 10 mm
  - min. 0% > 10 mm

### Technical data

- Technical specification: DIN EN 12385, ISO 4344
- Construction: 8 x 19 Seale with fibre core, regular lay
- Numbers of load bearing wires: 152
- Material: GW-Liftquality and acc. to DIN EN 10264, ISO 4101  
in bright or galvanized, tensile grade 1570 N/mm<sup>2</sup>

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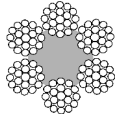
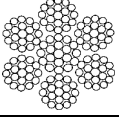
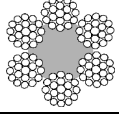
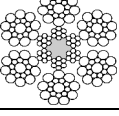
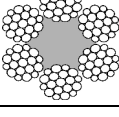
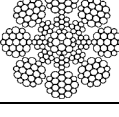
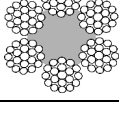
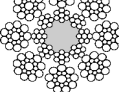


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# PAWO F1 - Wire ropes for Speed Governors

date of issue:  
Sept. 2009

	rope-Ø mm	part-no.	surface	calculated mass kg/m	minimum breaking load kN	construction
	6,0	605306012	B	0,122	21,00	6 x 19 - FC 1770 sZ
	6,0	605306030	B	0,153	26,00	6 x 19 - WSC 1770 sZ
	6,5	601306510 605306510	U B	0,148	24,70	6 x 19 - FC 1770 sZ
	6,5	761206531	U	0,161	25,90	6 x 19 S - IWRC 1570 sZ PAWO F3
	6,5	591306510	U	0,160	25,80	6 x 19 W - FC 1770 sZ
	6,5	741306531	U	0,170	29,70	8 x 19 W - IWRC 1770 sZ PAWO 819W
	8,0	601308010	U	0,219	37,40	6 x 19 - FC 1770 sZ
	8,0	761208031	U	0,243	38,00	8 x 19 S - IWRC 1570 sZ PAWO F3

**rope-Ø : permissible tolerance**      -0 + 5% (no load)

### Technical data

- Technical specification: DIN EN 12385
- Construction: see table, regular lay, lubricated or externally dry
- Material: GW-Steel wire acc. to DIN EN 10264  
in bright (U) or galvanized (B), tensile grade 1570 oder 1770 N/mm<sup>2</sup>

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## Discarding Criteria

Examination acc. to visible wire breaks  
**DIN 15020 - sheet 2**  
 Transmission groups 2m - 5m

### Numbers of permissible wire breaks for elevator ropes

date of issue:  
 Nov. 2007

rope specification	rope-Ø / construction	number of load bearing wires in the outer strands	number of visible wire breaks on a length of 6 x Seil-Ø	number of visible wire breaks on a length of 30 x Seil-Ø
PAWO F3	Ø 6,5 mm	114	6	12
	Ø 7 - 20 mm	152	10	19
PAWO F7		152	13	26
PAWO F7S		152	13	26
PAWO F10	Ø 8 - 12 mm	117	10	19
	Ø 13 - 20 mm	144	13	26
PAWO 819W		152	13	26
PAWO 836W		288	24	48
F819 S-FE		152	10	19
F819 W-FE		152	13	26
F819 S-FE DT		152	10	19
PAWO F1	6 x 19	114	10	19
	6 x 19 S	114	6	12
	6 x 19 W	114	10	19
	8 x 19 S	152	10	19
	8 x 19 W	152	13	26
PAWO F4e		152	10	19
PAWO F5e		114	6	12

For further surveillance the prescriptions of  
 DIN 15020 - sheet 2 - 3.4 have to be observed

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