

Galvanized steel wires

Singel wire high carbon FE140 (mm)

Tensile strength N/mm ²	1,5-2	2-2,5	2,5-3	3-3,5	3,5-4	4-4,5	4,5-5
1150							
1250							
1350							
1450							
1550							
1650							
1750							
1850							
1950							
2000							
2050							

Singel wire low carbon FE60 (mm)

Tensile strength N/mm ²	1,5-2	2-2,5	2,5-3	3-3,5	3,5-4	4-4,5	4,5-5	5-6
450								
500								
550								
600								
650								
700								
750								
800								
850								
900								

Available Zinc coating: 150–500 g/m²

Packing options wire

(lengths according to customer specifications)



Wooden drum



Steel drum



Z2 coil



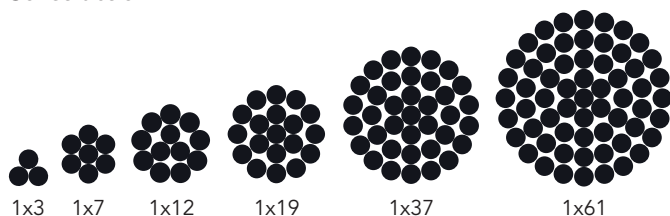
Rosetta coil



Coil

Galvanized steel wire strands

Construction



Strand diameter

Construction	Min (mm)	Max (mm)	Preformed available
1x3	3,0	10,8	Yes
1x7	4,5	15,0	Yes
1x12	5,8	20,8	Yes
1x19	7,0	25,0	Yes
1x37	9,8	30,3	No
1x61	9,8	39,0	No

Available standards: EN, ASTM, DIN, NS, SS, BS, IEC, ISO

Packing options strands

(lengths according to customer specifications)



Wooden drum



Coil



Wooden cross



Plywood drum

Galvanized steel wire ropes for barriers

General specification

Product name	Road barrier rope 3x7 Ø 19 mm
Construction:	3x7, 3 individual strands 7 wires each 3 by 7 coreless
Nominal strand diameter:	19 mm
Nominal wire diameter:	3 mm

Technical specification

Zinc coated steel wire rope:	ASTM A 741-11
Galvanized according to:	ASTM B 498, class B (>488 g/m ²)
Min breaking load:	17 700 kg
Min tensile strength:	1370 N/mm ²
Pre-stretched force:	88 kN
Min modulus of elasticity:	155 kN/mm ²

Packing options

Wooden drum lengths according to customer specification.



Standard strands in stock

Galvanized steel wire strands acc to Swedish standard SS

Standard	Constr.	Wire Ø (mm)	Strand Ø (mm)	Weight (kg/m)	Steel area (mm ²)
FE60 min 590 N/mm ² acc to SS 424 08 04	1x3	2,60	5,6	0,13	16
		4,60	9,9	0,39	50
	1x7	1,71	5,1	0,13	16
		2,12	6,4	0,19	25
		2,44	7,3	0,26	33
		3,08	9,2	0,41	52
FE140 min 1320 N/mm ² acc to SS 424 08 06	1x7	2,12	6,4	0,19	25
		2,44	7,3	0,26	33
		3,08	9,2	0,41	52
		3,52	10,6	0,54	68
		4,02	12,1	0,70	89
		4,36	13,1	0,82	105
	1x19	3,08	15,4	1,12	142
		3,52	17,6	1,47	185
		4,02	20,1	1,91	241
		4,36	21,8	2,25	284
	1x37	3,00	21,0	2,07	260

Galvanized steel wire strands acc to Norwegian standard NS

Standard	Constr.	Wire Ø (mm)	Strand Ø (mm)	Weight (kg/m)	Steel area (mm ²)
Min 80 kPa or min 145 kPa NS 1530/31	1x7	1,80	5,4	0,14	18
		2,30	6,9	0,23	30
		2,55	7,7	0,28	35
	1x12	1,80	7,5	0,24	30
		2,30	9,5	0,39	50
Min 145 kPa NS 1530/31	1x19	1,80	9,0	0,38	50
		2,15	10,8	0,55	70
		2,30	11,5	0,63	80
		2,55	12,8	0,77	95
		3,00	15,0	1,06	135
	1x37	2,55	17,9	1,50	190
		3,00	21,0	2,07	260

Galvanized steel wire strands acc to British standard BS

Standard	Constr.	Wire Ø (mm)	Strand Ø (mm)	Weight (kg/m)	Steel area (mm ²)
BS 183 Grade 1150	1x7	3,25	9,80	0,46	58
		4,00	12,00	0,69	88
		4,75	14,30	0,97	124