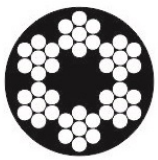
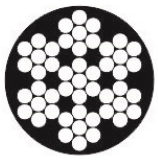
PVC PP PE coated or nylon coated wire ropes

Vinyl/ PVC/PP coated wire ropes can be widely used in automobiles, ship building, construction industry and all the needs of outdoor applications or special working environment. Mainly used in mine hoist cage, meat processing plant, upgrade machinery, ship anchors and fishing operations, fishing vessels trawling, etc. They can be coated with PVC, PP, PE or Nylon material and come in transparent or different colors as per customer's request.

1) Construction: 6x7+FC, 7x7



6x7+FC



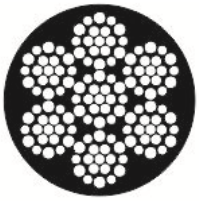
7x7

Construction	Diameter	Unit Weight	MBS (kN)	
	(mm)	(kg/100m)	1770N/mm²	1960N/mm²
6x7+FC, PVC/PP/PE	1.5-2.5	1.27	1.32	1.46
	2.0-3.0	2	2.35	2.6
	3.0-4.0	4.02	5.29	5.86
	3.0-5.0	5.04	5.29	5.86
	4.0-5.0	6.74	9.41	10.4
	4.0-6.0	8	9.41	10.4
	5.0-6.0	10.18	14.7	16.3
	6.0-8.0	16.04	21.1	23.4
	8.0-10	26.95	37.6	41.6
7x7, PVC/PP/PE	1.5-2.5	1.35	1.43	1.58
	2.0-3.0	2.14	2.54	2.81
	3.0-4.0	4.34	5.71	6.32
	3.0-5.0	5.36	5.71	6.32
	4.0-5.0	7.31	10.2	11.3
	4.0-6.0	8.56	10.2	11.3
	5.0-6.0	11.08	15.9	17.6
	6.0-8.0	17.34	22.9	25.4
	8.0-10	29.25	40.6	45

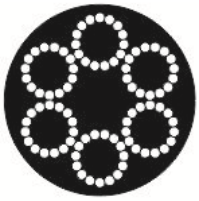
2) Construction: 6x19+FC, 7x19, 6x12+7FC



6x19+FC



7x19



6x12+7FC

Construction	Diameter	Unit Weight	MBS (kN)	
	(mm)	(kg/100m)	1770N/mm²	1960N/mm²
6x19+FC, PVC/PP/PE	3.0-4.0	3.91	4.9	5.43
	3.0-5.0	4.93	4.9	5.43
	4.0-5.0	6.56	8.7	9.63
	4.0-6.0	7.82	8.7	9.63
	5.0-6.0	9.9	13.6	15.1
	6.0-8.0	15.64	19.6	21.7
	8.0-10	26.24	34.8	38.5
	10-12	39.6	54.4	60.2
	12-14	55.74	78.3	86.7

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Construction: 7x19

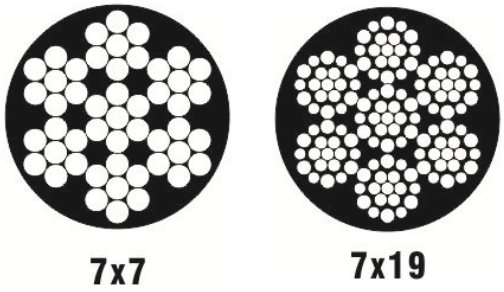
Construction	Diameter	Unit Weight	MBS (kN)	
	(mm)	(kg/100m)	1770N/mm²	1960N/mm²
7x19, PVC/PP/PE	3.0-4.0	4.23	5.29	5.86
	3.0-5.0	5.25	5.29	5.86
	4.0-5.0	7.12	9.4	10.4
	4.0-6.0	8.38	9.4	10.4
	5.0-6.0	10.78	14.7	16.3
	6.0-8.0	16.9	21.2	23.5
	8.0-10	28.48	37.6	41.6
	10-12	43.1	58.8	65.1
	12-14	60.8	84.6	93.7

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Construction: 6x12+7FC

Construction	Diameter	Unit Weight	MBS (kN)	
	(mm)	(kg/100m)	1770N/mm²	1960N/mm²
6x12+7FC, PVC/PP/PE	2.0-3.0	1.57	1.48	1.64
	3.0-4.0	3.06	3.33	3.69
	3.0-5.0	4.08	3.33	3.69
	4.0-5.0	5.04	5.92	6.56
	4.0-6.0	6.29	5.92	6.56
	6.0-8.0	12.22	13.3	-
	8.0-10	20.2	23.7	-

3) **Construction: 7x7 US-PVC, 7x19 US-PVC**



Diameter		Weight						Breaking Strength
Inner Cable	Outer Cover	Inner Cable		Coating		Total		
		lb/1000'	kg/1000'	lb/1000'	kg/1000'	lb/1000'	kg/1000'	lb
7x7(PVC/PP/PE)								
3/64	1/16	4.2	1.91	0.84	0.38	5.04	2.29	270
3/64	5/64	4.2	1.91	1.93	0.87	6.13	2.78	270
1/16	3/32	7.5	3.4	2.4	1.09	9.9	4.49	480
1/16	1/8	7.5	3.4	5.78	2.62	13.28	6.02	480
3/32	1/8	16	7.26	3.4	1.54	19.4	8.8	920
3/32	5/32	16	7.26	7.72	3.5	23.72	10.76	920
3/32	3/16	16	7.26	13.02	5.9	29.02	13.16	920
1/8	5/32	28.5	12.93	4.34	1.97	32.84	14.9	1700
1/8	3/16	28.5	12.93	9.64	4.37	38.14	17.3	1700
3/16	1/4	62	28.12	13.5	6.12	75.5	34.24	3700
3/16	5/16	62	28.12	30.82	13.98	92.82	42.1	3700
7x19(PVC/PP/PE)								

3/32	1/8	17.4	7.89	3.37	1.53	20.77	9.42	1000
3/32	5/32	17.4	7.89	7.72	3.5	25.12	11.4	1000
3/32	3/16	17.4	7.89	13.02	5.91	30.42	13.8	1000
1/8	5/32	29	13.15	4.34	1.97	33.34	15.12	2000
1/8	3/16	29	13.15	9.64	4.37	38.64	17.52	2000
5/32	7/32	45	20.14	11.56	5.24	56.56	25.65	2800
5/32	1/4	45	20.14	18.8	8.53	63.8	28.94	2800
3/16	1/4	65	29.48	13.5	6.12	78.5	35.6	4200
3/16	5/16	65	29.48	30.82	13.98	95.82	43.46	4200
1/4	5/16	110	49.9	17.4	7.9	127.4	57.8	7000
1/4	3/8	110	49.9	38.6	17.5	148.6	67.4	7000
5/16	3/8	173	78.47	21.2	9.63	194.2	88.1	9800
5/16	7/16	173	78.47	46.3	21	219.3	99.5	9800
3/8	7/16	243	110.22	25.1	11.38	268.1	121.6	14400
3/8	1/2	243	110.22	54	24.48	297	134.7	14400