



Cable, Strand and Wire Rope



DOMINION STEEL

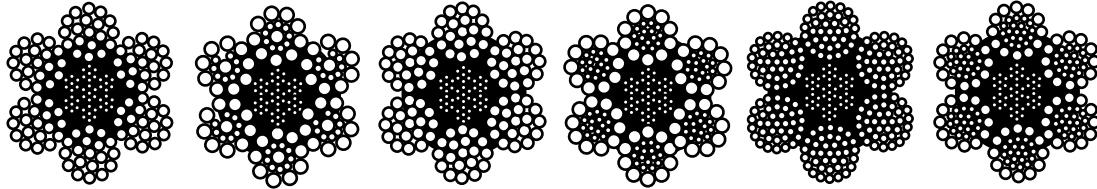
Specialties Inc.

Wire Rope



Steel Core

6 x 19, 6 x S(19), 6 x W(19), 6 x Fi(25), 6 x WS(26) WSC or IWRC
 6 x 37, 6 x SeS(37), 6 x Fi(29), 6 x WS(31), 6 x WS(36) WSC or IWRC
 Improved Plow Steel and Extra Improved Steel



Rope Diameter		IPS		EIPS		Approx. Weight
Nominal (min)	Maximum	Bright Regular Lay	Galvanized Regular Lay	Nominal Breaking Strength		
inches	inches			Bright	Galvanized	
		lb	lb	lb	lb	lb/ft
1/4	0.265	5,880	5,300	6,800	6,120	0.116
5/16	0.328	9,160	8,240	10,540	9,480	0.180
3/8	0.394	13,120	11,800	15,100	13,600	0.260
7/16	0.459	17,780	16,000	20,400	18,360	0.350
1/2	0.525	23,000	20,700	26,000	24,000	0.460
9/16	0.591	29,000	26,100	33,600	30,200	0.590
5/8	0.656	35,800	32,200	41,200	37,000	0.720
3/4	0.788	51,200	46,000	58,800	53,000	1.040
7/8	0.919	69,200	62,200	79,600	71,600	1.420
1	1.050	89,800	80,800	103,400	93,000	1.850
1 - 1/8	1.181	113,000	101,800	130,000	117,000	2.340
1 - 1/4	1.313	138,000	125,000	159,800	143,800	2.890
1 - 3/8	1.444	167,000	150,400	192,200	192,000	3.500

The nominal breaking strength for galvanized wire ropes above are based on either a hot galvanized or electro galvanized coating. Galvanized wire ropes are also available in EIPS uncoated and drawn galvanized on special order. EIPS drawn galvanized wire rope will offer the same minimum breaking strength as an uncoated wire rope.

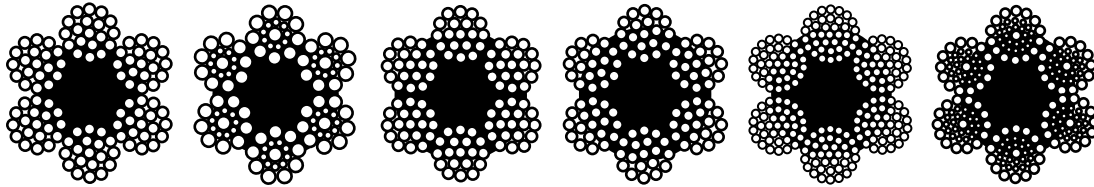
• All Premium and standard quality imported ropes are RR-W-410, recent revision, as applicable.

* Breaking strength listed for comparative purposes. Operating loads may vary, but NEVER exceed the recommended design factor of 20% of the Breaking strength.



Fiber Core

6 x 19, 6 x S(19), 6 x Fi(25), 6 x WS(26) FC
 6 x 37, 6 x SeS(37), 6 x Fi(29), 6 x WS(31), 6 x WS(36) FC
 Improved Plow Steel



Rope Diameter		Nominal Breaking Strength		Approx. Weight
Nominal (min)	Maximum	Bright	Galvanized	
inches	inches	lb	lb	
1/4	0.265	5,480	4,900	0.105
5/16	0.328	8,520	7,660	0.164
3/8	0.394	12,200	10,980	0.236
7/16	0.459	16,540	14,980	0.320
1/2	0.525	21,400	19,260	0.420
9/16	0.591	27,000	24,300	0.530
5/8	0.656	33,400	30,000	0.660
3/4	0.788	47,600	42,800	0.950
7/8	0.919	64,400	58,000	1.290
1	1.050	83,600	75,200	1.680
1 - 1/8	1.181	105,200	94,600	2.130
1 - 1/4	1.313	129,200	116,200	2.630
1 - 3/8	1.444	155,400	139,800	3.180

The nominal breaking strength for galvanized wire ropes above are based on either a hot galvanized or electro galvanized coating. Galvanized wire ropes are also available in EIPS uncoated and drawn galvanized on special order. EIPS drawn galvanized wire rope will offer the same minimum breaking strength as an uncoated wire rope.

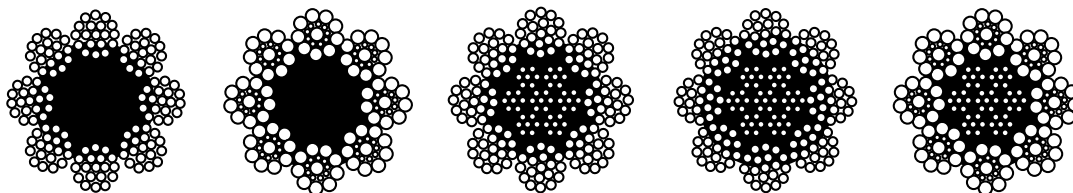
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Wire Rope



8x19 Class

**8 x 19 Class IWRC Rotation Resistant
Improved Plow Steel Galvanized and Extra Improved Plow Steel Uncoated**



Nominal Diameter (minimum)	Approx. Weight	Nominal Breaking Strength	
		Bright	Galvanized
	IWRC	IWRC	IWRC
inches	lb/ft	lb/ft	lb/ft
3/8	0.26	13,260	13,260
1/2	0.47	23,200	23,200
9/16	0.60	29,400	29,400
5/8	0.73	36,200	36,200
3/4	1.06	51,800	51,800
7/8	1.44	70,000	70,000
1	1.88	91,000	91,000

• All Premium and standard quality imported ropes are RR-W-410, recent revision, as applicable.

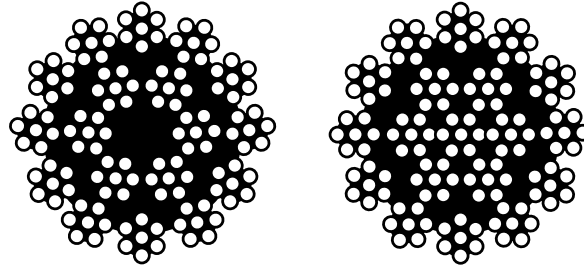
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19x7 Class

**19 x 7 Rotation Resistant
Extra Improved Plow Steel Uncoated and Drawn Galvanized**



Rope Diameter		Approx. Weight	Nominal Breaking Strength	
Nominal (minimum)	Maximum	WSC	Bright	Galvanized
inches	inches	lb/ft	lb	lb
3/8	0.394	0.25	11,080	11,080
7/16	0.459	0.35	15,000	15,000
1/2	0.525	0.45	19,440	19,440
9/16	0.591	0.58	24,400	24,400
5/8	0.656	0.71	30,200	30,200
3/4	0.788	1.02	43,200	43,200
7/8	0.919	1.39	58,500	58,500
1	1.050	1.82	76,000	76,000

Available in Larger Diameters

• All Premium and standard quality imported ropes are RR-W-410, recent revision, as applicable.

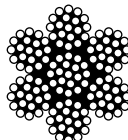
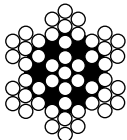
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Wire Rope



Galvanized and Stainless Steel Aircraft Cable

Improved Plow Steel



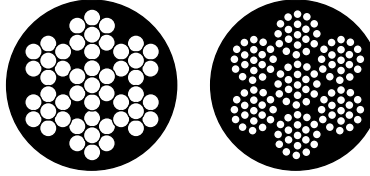
Nominal Diameter	Tolerance on Dia.	Approx. Weight	Approx. Weight	Min. Breaking Strength	
				Galvanized	Stainless Steel
inches	inches	kg/1000'	lb/1000'	lb	lb
7 X 7					
1/16	0.010	3.40	7.5	480	480
3/32	0.012	7.26	16.0	920	920
1/8	0.014	12.93	28.5	1,700	1,760
3/16	0.018	28.12	62.0	3,700	3,700
1/4	0.018	48.08	106	6,100	6,100
3/8	0.026	107.05	236	13,300	12,600
7 X 19					
3/32	0.012	7.89	17.4	1,000	920
1/8	0.014	13.15	29.0	2,000	1,760
5/32	0.016	20.41	45.0	2,800	2,400
3/16	0.018	29.48	65.0	4,200	3,700
7/32	0.018	39.01	86.0	5,600	5,000
1/4	0.018	49.90	110.0	7,000	6,400
5/16	0.022	78.47	173.0	9,800	9,000
3/8	0.026	110.22	243.0	14,400	12,000

*Breaking strength listed for comparative purposes. Operating loads may vary, but NEVER exceed the recommended design factor of 20% of the Breaking strength.



Vinyl Coated 7x19 and 7x7 Cable

GAC PVC CABLE



Improved Plow Steel

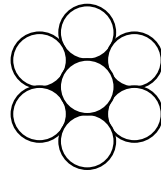
Diameter (in)		Weight						Breaking Strength lb
Inner Cable	Outer Cover	Inner Cable		PVC Coating		Total		
		lb/1000'	kg/1000'	lb/1000'	kg/1000'	lb/1000'	kg/1000'	
7 X 7 PVC								
1/16	3/32	7.5	3.40	2.2	1.02	9.7	4.42	480
1/16	1/8	7.5	3.40	5.4	2.45	12.9	5.85	480
3/32	1/8	16.0	7.26	3.1	1.43	19.1	8.69	920
3/32	5/32	16.0	7.26	7.2	3.26	23.2	10.52	920
1/8	5/32	28.5	12.93	4.1	1.84	32.6	4.7	1,700
1/8	3/16	28.5	12.93	9.0	4.06	37.5	16.99	1,700
3/16	1/4	62.0	28.12	12.6	5.70	74.6	33.82	3,700
3/16	5/16	62.0	28.12	28.8	13.05	90.8	41.17	3,700
7 X 19 PVC								
3/32	1/8	17.4	7.89	3.2	1.44	20.6	9.33	1,000
3/32	5/32	17.4	7.89	7.2	3.26	24.6	11.15	1,000
1/8	5/32	29.0	13.15	4.1	1.84	33.1	14.99	2,000
1/8	3/16	29.0	13.15	9.0	4.06	38.0	17.21	2,000
3/16	1/4	65.0	29.48	12.6	5.70	77.6	35.18	4,200
3/16	5/16	65.0	29.48	28.8	13.05	93.8	42.53	4,200
1/4	5/16	110.0	49.90	16.2	7.33	126.2	57.23	7,000
1/4	3/8	110.0	49.90	35.9	16.30	145.9	66.20	7,000
5/16	3/8	173.0	78.47	19.8	8.96	192.8	87.43	9,800
5/16	7/16	173.0	78.47	43.1	19.55	216.1	98.02	9,800
3/8	7/16	243.0	110.22	23.3	10.60	266.3	120.82	14,400

*Breaking strength listed for comparative purposes. Operating loads may vary, but NEVER exceed the recommended design factor of 20% of the Breaking strength.

Wire Rope



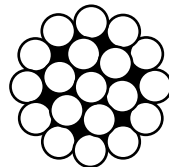
Galvanized and Stainless Steel Strand



Nominal Diameter	Nominal Diameter of Wires	Approx. Weight	Nominal Breaking Strength	
			Extra High Strength	
inches	inches	lb/ft	lb	
1 X 7				
1/4	0.080	0.121	6,650	
5/16	0.109	0.205	11,200	
3/8	0.120	0.273	15,400	
1/2	0.165	0.517	26,900	

Nominal Diameter	Breaking Strength	
	lb	
1 X 7 Seizing Strand*		
3/32	250	
1/8	540	

*Galvanized. Perfect for seizing the ends of wire rope and also for wrapping sling eyes.



Nominal Diameter	Approx. Weight	Approx. Weight	Min. Breaking Strength	
			Galvanized	Stainless Steel
inches	kg/1000'	lg/1000'	lb	lb
1 X 19				
1/8	15.88	35.0	2,100	2,100
3/16	34.93	77.0	4,700	4,700
1/4	61.24	135.0	8,200	8,200
5/16	95.26	210.0	12,500	12,500
3/8	136.08	300.0	18,000	17,500

*Breaking strength listed for comparative purposes. Operating loads may vary, but **NEVER** exceed the recommended design factor of 20% of the Breaking strength.

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