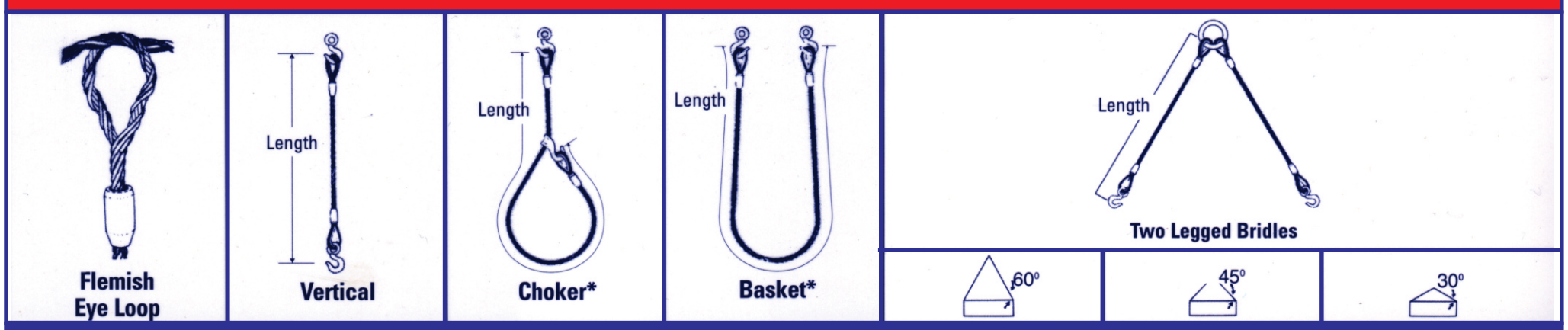
NORTHWEST WIRE ROPE LTD.

120 Fry Street, Nanaimo, BC V9R 4Y9 • T. 250-753-0247 • F. 250.753.2517

WIRE ROPE SLINGS



In	(mm)	Lbs	Lbs	Lbs	Lbs	Lbs	Lbs
PERFORMANCE SERIES 620 (6X26 EIPS IWRC)							
1/4	(6)	1300	960	2600	2252	1838	1300
5/16	(8)	2000	1480	4000	3464	2828	2000
3/8	(10)	2800	2200	5800	4850	3960	2800
7/16	(11)	3800	2800	7800	6582	5374	3800
1/2	(13)	5000	3800	10200	8660	7071	5000
9/16	(14)	6400	4800	12800	11085	9051	6400
5/8	(16)	7800	5800	15600	13510	11031	7800
3/4	(19)	11200	8200	22000	19399	15839	11200
7/8	(22)	15200	11200	30000	26327	21496	15200
1	(25)	19600	14400	40000	33948	27719	19600
PERFORMANCE SERIES 630 (6X37 EIPS IWRC)							
1-1/8	(29)	24000	18200	48000	41569	33941	24000
1-1/4	(32)	30000	22000	60000	51962	42426	30000
1-3/8	(35)	36000	26000	72000	62354	50912	36000
1-1/2	(38)	42000	32000	84000	72746	59397	42000
1-5/8	(41)	48000	36000	98000	83138	67882	48000
1-3/4	(44)	56000	42000	114000	96995	79196	56000
2	(47)	74000	56000	146000	128172	104652	74000
2-1/4	(50)	88000	70000	178000	152420	124451	88000
2-1/2	(56)	108000	84000	218000	187061	152735	108000
2-3/4	(63)	130000	102000	260000	225167	183848	130000
3	(75)	154000	120000	306000	266736	217789	154000

CAUTION:
- Do not exceed the working load limits as stated.
- All calculations are based on a 5:1 working load factor, 6 x 19 classification regular lay preformed EIPS with independent wire rope center from sizes 1/4" to 1" diameter inclusive, and 6 x 37 classification regular lay preformed EIPS with independent wire rope center for diameters above 1".

* Working load limits are based on a minimum curvature of 25 x D at rope/load contact points.

GRADE 80 & 100 ALLOY CHAIN SLINGS

Chain Size		90°		60°		45°		30°		60°		45°		30°	
		Lbs		Lbs						Lbs					
In	(mm)	G80	G 100	G80	G 100	G80	G 100	G80	G 100	G80	G 100	G80	G 100	G80	G 100
1/4(9/32)	(7)	3500	4300	6100	7400	4900	6100	3500	4300	9100	11200	7400	9100	5200	6400
5/16	(8)	4500	5700	7800	9900	6400	8100	4500	5700	11700	14800	9500	12100	6800	8500
3/8	(10)	7100	8800	12300	15200	10000	12400	7100	8800	18400	22900	15100	18700	10600	13200
1/2	(13)	12000	15000	20800	26000	17000	21200	12000	15000	31200	39000	25500	31800	18000	22500
5/8	(16)	18100	22600	31300	39100	25600	32000	18100	22600	47000	58700	38400	47900	27100	33900
3/4	(19)	28300	35300	49000	61100	40000	49900	28300	35300	73500	91700	60000	74900	42200	52950

CAUTION:
- Do not exceed the working load limits as stated. • All calculations are based on a 4:1 working load factor.

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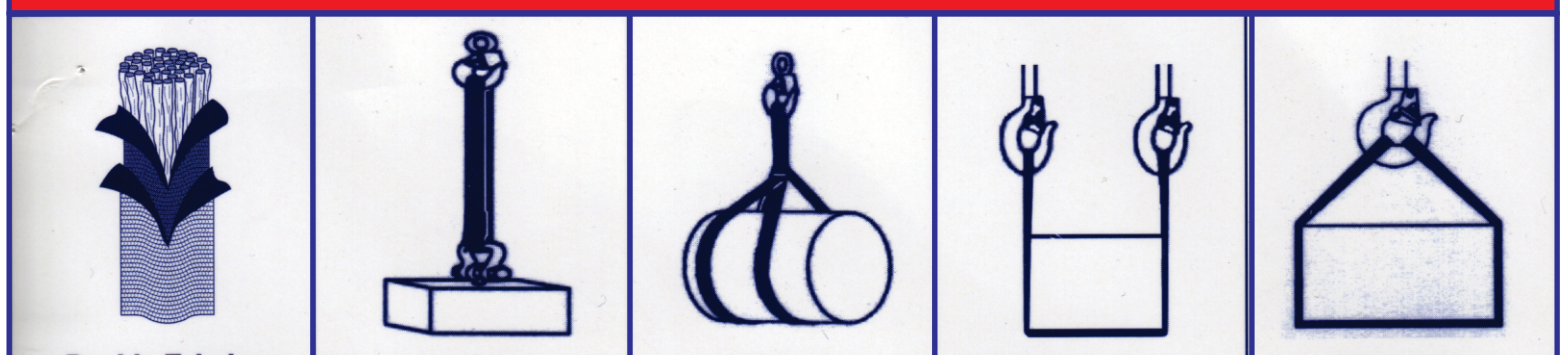
POLYESTER ROUND SLINGS



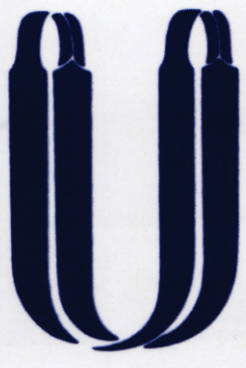
Double Tubular Construction	Vertical	Choker	Vertical Basket	45° Basket
Size #	Lbs	Lbs	Lbs	Lbs
1	2600	2100	5200	3700
2	5300	4200	10600	7500
3	8400	6700	16800	11900
4	10600	8500	21200	15000
5	13200	10600	26400	18700
6	16800	13400	33600	23800
7	21200	17000	42400	30000
8	25000	20000	50000	35400
9	31000	24800	62000	43800
10	40000	32000	80000	56600
11	53000	42400	106000	74900
12	66000	52800	132000	93000
13	90000	72000	180000	127300

NYLON WEB SLINGS

Type 3 & 4

Flat or Twisted Eyes

SINGLE PLY					
Code #	Web Width		Vertical	Choker	Basket
	In	(mm)	Lbs	Lbs	Lbs
EE1-901	1	(25)	1600	1200	3200
EE1-902	2	(50)	3100	2325	6200
EE1-903	3	(75)	4700	3525	9400
EE1-904	4	(100)	6200	4650	12400
EE1-905	5	(125)	7800	5850	15600
EE1-906	6	(150)	9300	6975	18600
TWO PLY					
EE2-901	1	(25)	3100	2325	6200
EE2-902	2	(50)	6200	4650	12400
EE2-903	3	(75)	8800	6600	17600
EE2-904	4	(100)	11000	8250	22000
EE2-905	5	(125)	13700	10275	27400
EE2-906	6	(150)	16500	12375	33000



Type 5

Endless or Grommet

SINGLE PLY					
Code #	Web Width		Vertical	Choker	Basket
	In	(mm)	Lbs	Lbs	Lbs
EN1-901	1	(25)	3200	2400	6400
EN1-902	2	(50)	6200	4650	12400
EN1-903	3	(75)	9400	7050	18800
EN1-904	4	(100)	12400	9300	24800
EN1-905	5	(125)	15600	11700	31200
EN1-906	6	(150)	18600	13950	37200
TWO PLY					
EN2-901	1	(25)	6200	4650	12400
EN2-902	2	(50)	12400	9300	24800
EN2-903	3	(75)	17600	13200	35200
EN2-904	4	(100)	22000	16500	44000
EN2-905	5	(125)	27400	20550	54800
EN2-906	6	(150)	33000	24750	66000

CAUTION:

- Do not exceed the working load limits as stated. • Do not expose to temperatures in excess of 200° F/ 93° C.
- All calculations are based on a 5:1 working load factor.