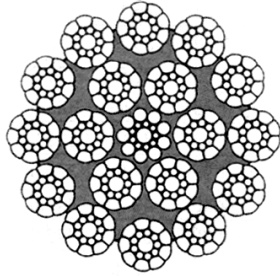




Bridon

Endurance Dyform® 18/18PI



High strength Rotation Resistant rope incorporating Dyform strands- confirmed by Bridon's "Powercheck" testing of a sample from each production length.

Good resistance to rotation confirmed by Bridon's unique "Twistcheck" type testing program.

Superior bending fatigue life when compared with conventional multistrand ropes- confirmed by laboratory testing and extensive field experience.

Excellent resistance to crushing and abrasion resulting from the overall compactness and robustness of the rope and the Dyform strands- recommended when multi-layer spooling is involved.

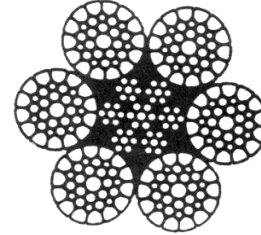
Reduced elongation results from increased steel content and the Dyform process.

Optional plastic coating of IWRC to further extend fatigue life, improve structural stability and resistance to corrosion. Endurance Dyform® 18PI has a full plastic coating of the steel core.

Diameter		Approx. mass WSC		Min. breaking force	
				Rope Grade Dyform®	
in	mm	lb./ft.	kg/m	tons	kN
3/8		0.310	.0.449	8.3	73.9
	10	0.342	0.509	9.5	84.3
	11	0.414	0.616	11.8	105.0
7/16		0.420	0.608	11.2	99.7
	12	0.493	0.733	13.6	121.0
1/2		0.550	0.796	146	129.9
	13	0.578	0.860	16.5	147.0
	14	0.670	1.445	18.8	167.0
9/16		0.700	1.014	19.2	170.9
5/8		0.860	1.245	22.7	202.0
	16	0.876	1.303	24.6	219.0
	18	1.108	1.649	31.2	278.0
	19	1.234	1.837	34.2	304.0
3/4		1.240	1.796	32.4	288.4
	20	1.368	2.036	37.7	335.0
	22	1.656	2.464	45.5	405.0
7/8		1.690	2.447	43.8	389.8
	24	1.970	2.932	54.2	482.0
1		2.210	3.200	57.5	511.6
	26	2.312	3.441	64.3	572.0
	28	2.682	3.991	74.4	662.0
1-1/8		2.790	4.040	71.5	636.4
1-1/4		3.450	4.996	87.9	782.3
	32	3.502	5.212	96.6	859.0
1-3/8		4.170	6.039	106.0	943.9
1-1/2		4.970	7.197	125.0	1112.5

Note: All sizes powerchecked

Endurance Dyform® 6/6 PI



Strongest of all ropes in the six strand product range- confirmed by Bridon's "Powercheck" testing of a sample from each production length.

Superior bending fatigue life when compared with conventional six strand ropes- confirmed by laboratory testing and extensive field experience.

Excellent resistance to crushing and abrasion resulting from the overall compactness and robustness of the rope and the Dyform strands- recommended when multi-layer spooling is involved.

Reduced elongation results from increased steel content and the Dyform process.

Optional plastic coating of IWRC to further extend fatigue life, improve structural stability and resistance to corrosion. Endurance Dyform® 6PI has a full plastic coating of the steel core.

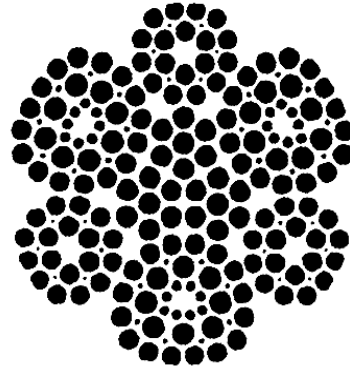
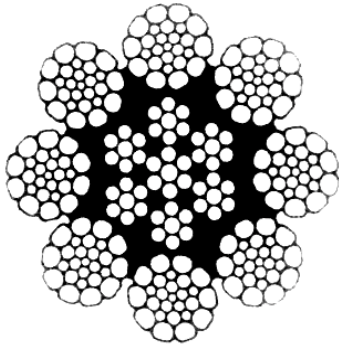
Diameter		Approx mass WSC		Min. breaking force	
				Rope grade Dyform	
in	mm	lb./ft.	kg/m	tons	kN
3/8		0.282	0.408	8.8	78.3
	10	0.316	0.470	9.6	85.3
	11	0.386	0.575	11.0	98.1
7/16		0.383	0.555	11.9	105.9
	12	0.436	0.649	12.8	114.0
1/2		0.501	0.725	15.3	136.2
	13	0.540	0.803	16.5	147.0
	14	0.632	0.940	19.0	169.0
9/16		0.634	0.918	19.3	171.8
5/8		0.782	1.132	22.7	202.0
	16	0.786	1.170	24.4	217.0
	18	1.028	1.530	30.9	275.0
	19	1.116	1.660	33.9	302.0
3/4		1.127	1.632	32.4	288.4
	20	1.223	1.820	37.4	333.0
	22	1.458	2.170	44.7	398.0
7/8		1.534	2.221	43.8	389.8
	24	1.788	2.660	54.7	487.0
1		2.003	2.901	57.5	511.8
	26	2.103	3.130	64.7	576.0
	28	2.412	3.590	74.7	665.0
1-1/8		2.535	3.671	71.5	636.4
1-1/4		3.130	4.533	87.9	782.3
	32	3.152	4.690	94.9	844.0
1-3/8		3.787	5.484	106.0	943.4
1-1/2		3.978	5.920	119.1	1060.0
	36	4.507	6.527	125.0	1112.5

Note: All sizes powerchecked



Endurance Dyform® 8/8PI

Constructex®



High breaking force confirmed by Bridon’s “Powercheck” testing of a sample from each production length.

Superior bending fatigue life when compared with other conventional eight strand ropes- confirmed by laboratory testing and extensive field experience.

Excellent resistance to crushing and abrasion resulting from the overall compactness and robustness of the rope and the Dyform strands- recommended when multi-layer spooling is involved.

Reduced elongation results from increased steel content and the Dyform process.

Optional plastic coating of IWRC to further extend fatigue life, improve structural stability and resistance to corrosion. Endurance Dyform® 8PI has a full plastic coating of the steel core.

Nine strand rope made up of three different strand constructions. Each outside strand manufactured with a soft plastic center.

High strength confirmed by Bridon’s “Powercheck” testing of a sample.

Excellent resistance to crushing and wear resulting from the overall compactness and robustness of the rope.

Flexible construction with good fatigue life in most applications.

Diameter		Approx mass WSC		Min. breaking force	
				Rope grade Dyform	
in	mm	lb./ft.	kg/m	tons	kN
3/8		0.32	0.46	9.7	86.3
	10	0.30	0.45	9.8	87.3
	11	0.38	0.56	11.8	105.0
7/16		0.40	0.58	12.4	110.4
	12	0.44	0.65	14.2	126.0
1/2		0.51	0.74	16.2	143.7
	13	0.52	0.77	16.5	147.0
	14	0.60	0.89	19.2	171.0
9/16		0.65	0.94	20.3	180.7
5/8		0.80	1.16	25.0	222.5
	16	0.78	1.16	25.2	224.0
	18	1.01	1.50	31.8	283.0
	19	1.12	1.67	35.5	316.0
3/4		1.16	1.68	36.0	320.4
	20	1.24	1.84	39.3	350.0
	22	1.49	2.22	47.7	424.0
7/8		1.58	2.29	48.3	429.4
	24	1.78	2.65	56.8	505.0
1		2.05	2.97	62.8	558.5
	26	2.12	3.15	66.5	592.0
	28	2.47	3.67	77.2	687.0
1-1/8		2.60	3.77	79.0	703.1
1-1/4		3.22	4.66	98.0	872.2
	32	3.26	4.85	100.8	897.0
1-3/8		3.90	5.65	117.0	1041.3
	36	4.07	6.06	127.9	1138.0
1-1/2		4.62	6.69	138.0	1228.2

Note: All sizes powerchecked

Diameter	Approx. mass		Minimum breaking force	
	lb./ft.	kg/m	tons	kN
5/8	0.9	1.28	25.5	226.9
3/4	1.1	1.64	36.5	324.7
7/8	1.5	2.23	48.5	431.5
1	2.0	2.98	62.5	556.0
1-1/8	2.6	3.87	79.5	707.3
1-1/4	3.2	4.76	97.6	868.3
1-3/8	3.8	5.65	119	1058.7
1-1/2	4.6	6.85	139	1236.7
1-5/8	5.3	7.89	162	1441.3
1-3/4	6.2	9.23	185	1645.9

Note: All sizes powerchecked



Endurance Dyform® 34 LR/PI/MAX

Strongest of all ropes in the Rotation Resistant product range- confirmed by Bridon’s “Powercheck” testing of a sample from each production length.

Greatest resistance to rotation of all ropes in the Rotation Resistant product range- confirmed by Bridon’s unique “Twistcheck” type testing program.

Superior bending fatigue life when compared with conventional Rotation Resistant ropes- confirmed by laboratory testing and extensive field experience.

Excellent resistance to crushing and abrasion resulting from the overall compactness and robustness of the rope and the Dyform strands- recommended when multi-layer spooling is involved.

Reduced elongation results from increased steel content and the Dyform process.

Optional plastic coating of IWRC to further extend fatigue life, improve structural stability and resistance to corrosion. PI signifies full plastic coating of the steel core.

34 Max signifies superior breaking force.



34x7



34 LRPI

Endurance Dyform® 34LR

Diameter		Approx. Mass WSC		Minimum breaking force Rope grade			
				1960		2160	
in	mm	lb./ft.	kg/m	tons	kN	tons	kN
1/2		0.54	0.24	16.5	147.0	18.0	160.0
	13	0.57	0.26	17.3	154.0	18.7	166.0
	14	0.65	0.30	20.1	179.0	21.5	191.0
9/16		0.68	0.30	20.8	185.0	22.7	201.0
5/8	16	0.84	0.37	26.1	232.0	28.2	251.0
	18	1.07	0.48	33.5	298.0	35.9	319.0
3/4	19	1.21	0.53	37.0	329.0	40.0	356.0
	20	1.32	0.60	41.6	370.0	44.6	397.0
	22	1.61	0.73	49.7	442.0	54.2	482.0
7/8		1.65	0.73	50.4	448.0	54.8	487.0
	24	1.92	0.87	59.3	528.0	64.0	569.0
1		2.15	0.95	62.4	555.0	71.7	638.0
	26	2.28	1.04	69.5	618.0	74.0	658.0
	28	2.63	1.19	76.0	676.0	82.6	735.0
1-1/8		2.73	1.20	79.5	689.0	83.6	744.0
	30	3.07	1.36	92.2	820.0	94.0	836.0
1-1/4	32	3.37	1.49	98.2	874.0	110.2	980.0

Endurance Dyform® 34MAX

Diameter		Approx. Mass WSC		Minimum breaking force Rope grade	
				34MAX	
in	mm	lb./ft.	kg/m	tons	kN
1		2.26	0.99	76.9	684
	26	2.39	1.09	78.2	696
	28	2.76	1.25	89.7	798
1-1/8		2.86	1.25	91.5	814
1-1/4	32	3.74	1.64	122.0	1085

NOTE: All sizes Powerchecked

Endurance Dyform® 34XL

Diameter		Approx. Mass WSC		Minimum breaking force Rope grade	
				34XL	
in	mm	lb./ft.	kg/m	tons	kN
5/8	16	0.84	0.37	28.2	251
3/4	19	1.21	0.53	40.0	356
	22	1.61	0.71	54.2	482
7/8		1.65	0.73	54.8	487
	25	2.10	0.93	69.7	620
1		2.15	0.95	71.7	638
	26	2.28	1.04	74.0	658
	28	2.63	1.19	84.4	751
1-1/8		2.73	1.20	86.9	773
	29	2.94	1.30	93.2	829
1-1/4	32	3.37	1.49	110.2	980
1-1/2	38	4.92	2.17	165.4	1472

NOTE: All sizes Powerchecked