



ATLAS®

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The licensed nylon rope for use on self-tensioning winches

GENERAL

- Bexco is an official Perlon licensee holder for manufacturing the original Atlas®
- 6-strand rope made from nylon: a combination of mono- and multi- filaments
- Very good dimensional stability
- Excellent abrasion resistance and fatigue characteristics
- Best spooling on winches
- Very high breaking load
- Very compact rope: easy to handle and splice

FEATURES

- **Material:** 100% high tenacity nylon (mono- and multi- filament)
- **Construction:** 6-strand cross lay
- **Treatment:** None
- **Color of Rope:** White with red marker yarn
- **Approx. Spec. Density:** 1,14 non- coating
- **Melting Point:** 215° C
- **Abrasion Resistance:** Excellent
- **U.V. Resistance:** Excellent
- **Temperature Resistance:** 80°C max continuous
- **Chemical Resistance:** Reasonable. Acids, oxidizers & solvents will affect the material
- **Dry & Wet Conditions:** Can be stowed wet

SECTORS

Container ships, Bulk carriers, Fishing vessels (nets)

ATLAS®					
Dia	Circ.	Dia	Min. Break Load		Weight
mm	"	"	tf	kN	kg/100m
18	2 1/4	3/4	8.60	84.4	22.0
20	2 1/2	13/16	10.9	107	27.5
22	2 3/4	7/8	13.6	133	34.5
24	3	1	15.7	154	40.0
26	3 1/4	1 1/16	18.2	179	46.5
28	3 1/2	1 1/8	20.1	197	51.5
32	4	1 5/16	25.3	248	65.0
36	4 1/2	1 1/2	32.0	314	83.2
40	5	1 5/8	38.4	377	100
44	5 1/2	1 3/4	50.0	491	125
48	6	2	59.0	579	148
52	6 1/2	2 1/8	63.7	625	160
56	7	2 1/4	78.5	770	200
60	7 1/2	2 1/2	85.5	839	217
62	7 3/4	2 3/5	92.8	910	235
64	8	2 5/8	97.0	952	245
68	8 1/2	2 3/4	110	1079	280
70	8 3/4	2 7/8	122	1197	310
72	9	3	127	1246	335
78	9 3/4	3 1/5	136	1334	364
84	10 1/2	3 4/5	158	1550	425
90	11 1/4	3 1/2	186	1825	505
96	12	4	215	2109	585



