

Thinking
about
ropes.



Thinking about tradition.

Made in Germany

Experts in ropes for over 100 years

Drahtseilwerk Bremerhaven is synonymous with expertise, know-how and innovative strength in ropes, which are Made in Germany.

They have been developing and producing high-quality mooring ropes for international seafarers in their industrial manufacturing processes for over a century.

Developed in the 1960s, the ATLAS® rope sets high standards around the world and is now the best known and most used mooring rope.



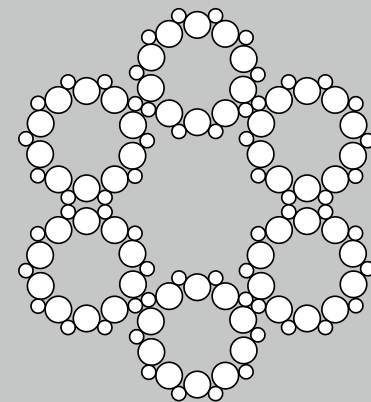
Thinking
about
mooring.



Made in Germany

Ø mm	rope weight kg/m	MBL kN
24	0,40	128
28	0,52	164
30	0,56	176
32	0,65	215
36	0,83	255
38	0,83	269
40	1,05	349
44	1,25	473
48	1,48	563
52	1,64	608
56	2,00	749
60	2,16	788
62	2,35	891
64	2,45	913
68	2,80	1060
70	3,10	1161
72	3,25	1206
78	3,64	1353
84	4,25	1578
90	5,05	1860
96	5,85	2142

ATLAS®



TECHNICAL DATA

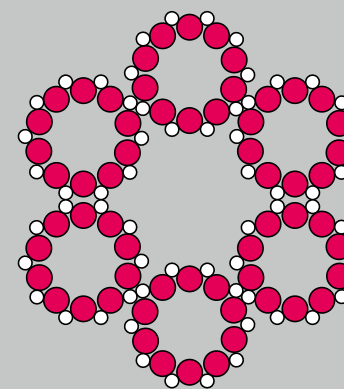
design: 6 strand with filling thread

type of lay: cross

The ATLAS®-mooring rope allows fast
and safe mooring

**high breaking load · best spooling
on winches · easy handling**

ATLAS®-FLOAT



TECHNICAL DATA

design: 6 strand with filling thread

type of lay: cross

density: 0,99

floating: yes

**high breaking load · good elongation
best spooling on winches**

Ø mm	rope weight kg/m	MBL kN
48	1,40	434
52	1,59	504
56	1,85	580
60	2,05	660
62	2,20	685
64	2,30	736
68	2,61	800
72	3,05	930
78	3,40	1060

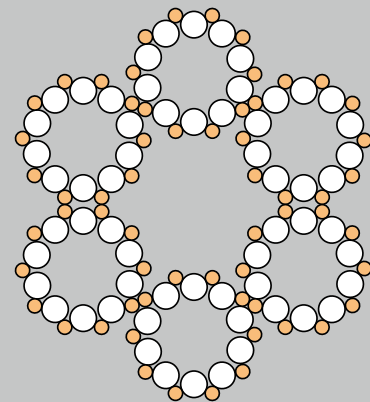
Thinking
about
innovation.



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Ø mm	rope weight kg/m	MBL kN
40	1,05	304
44	1,25	412
48	1,48	490
52	1,64	529
56	2,00	652
60	2,16	686
62	2,35	775
64	2,45	794
68	2,80	922
70	3,10	1010
72	3,25	1049
78	3,64	1177
84	4,25	1373

DURA-WINCHLINE



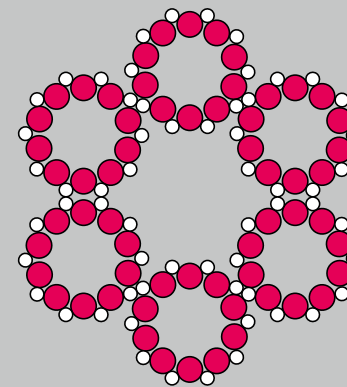
SPECIFIC PROPERTIES

design: 6 strand with filling thread

type of lay: cross

high breaking load · good elongation
best spooling on winches · easy handling

DURA-FLOAT MEG4



VERIFICATION ACC. TO OCIMF MEG4 BY DNV

design: 6 strand with filling thread

type of lay: cross

density: 0,99

floating: yes

high breaking load · good elongation
best spooling on winches · easy handling

Ø mm	rope weight kg/m	LDBF kN
48	1,40	434
52	1,59	504
56	1,85	580
60	2,05	660
62	2,20	685
64	2,30	736
68	2,61	800
72	3,05	930

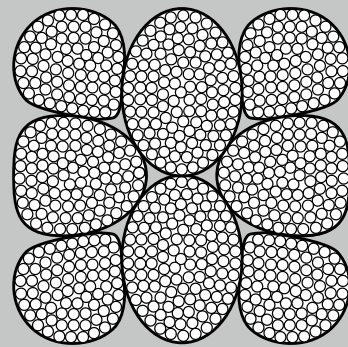


Thinking
about
economy.



Made in Germany

OCEAN-FLOAT-8 STRONG



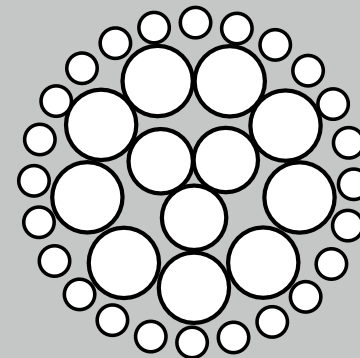
TECHNICAL DATA

design: 8 strand braided
material: PES high tenacity multifilament
and POLYS fibres
floating: yes

towing lines · offshore lines
mooring lines · mooring tails

Ø mm	rope weight kg/m	MBL kN
32	0,69	278
36	0,80	345
40	0,97	417
44	1,12	482
48	1,28	546
52	1,49	613
56	1,69	713
60	1,90	796
64	2,11	886
68	2,46	1025
72	2,67	1135
76	3,15	1315
80	3,48	1448
84	3,82	1540
88	4,15	1790
96	4,89	2014
104	4,89	2014

OCEAN-FLOAT-12 DOUBLE BRAIDED



TECHNICAL DATA

design: 12 strand braided / jacket 24 strands
material: polypropylene multifilament
and polyester
floating: yes

towing lines · mooring lines · fishing lines
anchorage · industry

Ø mm	rope weight kg/m	MBL kN
22	0,25	98
24	0,30	116
26	0,35	135
28	0,40	155
30	0,46	177
32	0,53	200
34	0,60	225
36	0,67	251
38	0,74	278
40	0,82	307
42	0,91	336
44	1,00	368
46	1,09	400
48	1,19	434
52	1,39	506
54	1,50	543
56	1,61	582
60	1,85	664
64	2,11	751
68	2,38	843
72	2,67	940
76	2,97	1042
80	3,29	1150
84	3,63	1262
88	3,98	1379
92	4,36	1501
96	4,74	1628

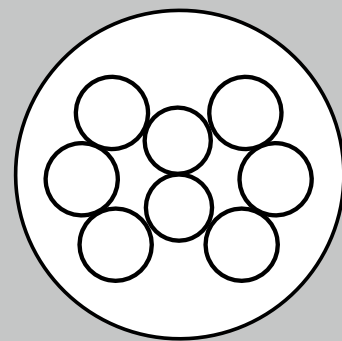
Thinking
about
strength.



Made in Germany

OCEAN-FLOAT-8 HMPE

Ø mm	rope weight kg/m	MBL kN
40	0,88	1260
42	0,97	1393
44	1,06	1525
46	1,16	1650
48	1,26	1775
52	1,46	2045
56	1,69	2330
60	1,93	2635
64	2,18	2950
68	2,45	3285
72	2,74	3635



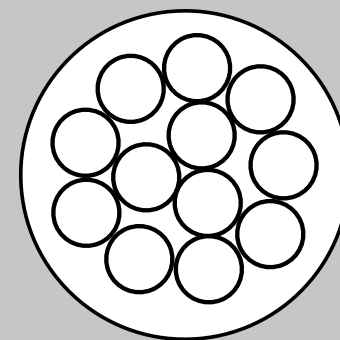
TECHNICAL DATA

design: 8 strand braided
material: 100 % HMPE superior
specific gravity: 0,97
floating: yes
heat resistance: low (135 – 145 °C melting)

towing lines · mooring lines

OCEAN-FLOAT-12 HMPE

Ø mm	rope weight kg/m	MBL kN
2	0,03	3
3	0,05	8
4	0,08	10
5	0,14	23
6	0,23	40
8	0,40	69
10	0,61	105
12	0,87	150
14	0,12	200
16	0,15	260
18	0,19	315
20	0,23	380
22	0,28	450
24	0,33	520
26	0,38	600
28	0,45	680
30	0,51	775
32	0,58	870
34	0,65	964
36	0,72	1040
38	0,80	1175
40	0,88	1260



TECHNICAL DATA

design: 12 strand braided
material: 100 % HMPE superior
specific gravity: 0,97
floating: yes
heat resistance: low (135 – 145 °C melting)

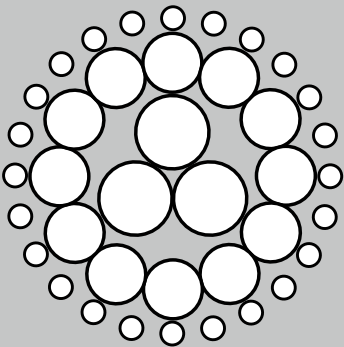
towing lines · mooring lines



Thinking
about
dynamic.

Made in Germany

OCEAN-FLOAT-12
DB HTTP-HDPE

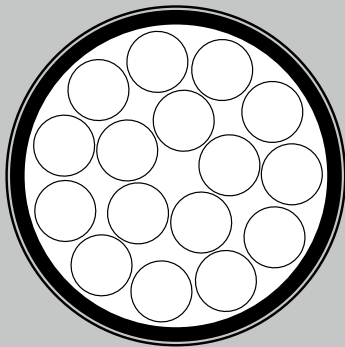


TECHNICAL DATA

design: 6 strands parallel
or 12 strand braided
material: mixed Polyolefins (HTPP/HDPE)
specific gravity: 0,94
floating: yes
melting point: 165°C

Ø mm	rope weight kg/m	MBL kN
36	74,0	248
40	91,1	325
44	108,2	402
48	125,0	472
52	142,5	556
56	160,0	640
60	184,0	730
64	203,0	850
68	221,0	934
72	254,5	1018
76	288,0	1102
80	355,0	1270

OCEAN-FLOAT-TOW



TECHNICAL DATA

material: polyester (HT)
specific gravity: 1,38
floating: no
melting point: 265°C

excellent ratio between diameter, weight
and breaking load - lower elongation

Ø mm	rope weight kg/m	MBL kN
24	39,9	196
26	49,6	243
28	61,6	302
30	69,1	346
32	76,5	391
36	95	488
40	131	591
42	140	667
44	147	708
48	175	832
52	189	966
56	227	1,104
60	256	1,255
64	284	1,409
68	307	1,577
72	367	1,742
76	390	1,920
80	417	2,098
88	493	2,498
96	560	2,920
104	662	3,431
112	788	4,053

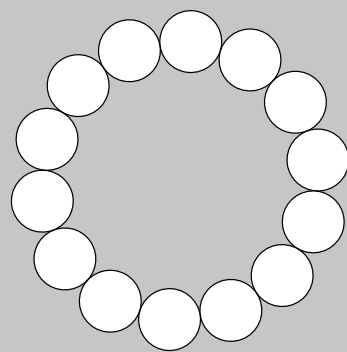


Thinking
about
strength.



Made in Germany

OCEAN-FLOAT-12 BRAIDED



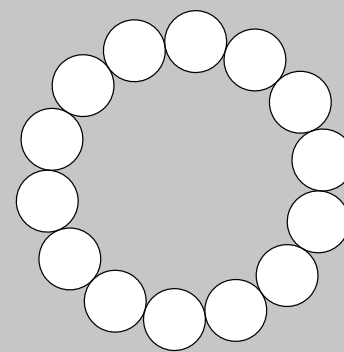
TECHNICAL DATA

material: polyester / mixed polyolefins (HT)
specific gravity: 0,99
floating: yes
melting point: 265°C / 165°C

very low water absorption · excellent UV resistance

Ø mm	rope weight kg/m	MBL kN
24	26,6	105
26	31,7	126
28	36,8	148
30	43	170
32	47,8	190
36	60,6	238
40	75	290
44	90	346
48	107,5	407
52	126,5	471
56	146	542
60	168	615
64	191	695
68	216	780

OCEAN-NON-FLOAT-12 BRAIDED



TECHNICAL DATA

material: polyester / mixed polyolefins (HT)
specific gravity: 1,10
floating: no
melting point: 265°C / 165°C
excellent UV resistance · 18-20 % lighter than regular polyester ropes

Ø mm	rope weight kg/m	MBL kN
24	34,5	139
26	41,1	168
28	47,7	197
30	55,9	219
32	62,3	255
36	78,9	319
40	96,9	390
44	117,8	468
48	140,6	554
52	164,4	646
56	191	745
60	219,5	851
64	249,7	960
68	281,2	1,083

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