



RACING

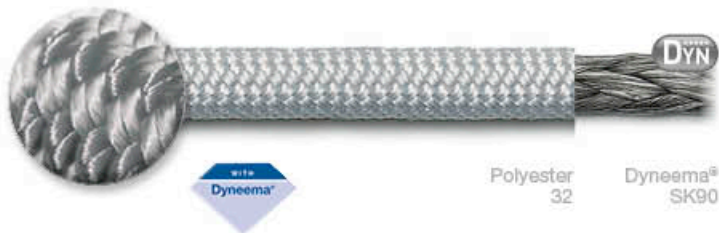
Our Racing products are ropes meeting the highest demands. These ropes are made exclusively of high-tech materials and fibers and excel especially due to their high degree of customization allowing them to live up to the highest expectations.

All products offered in this segment are special custom-tailored ropes manufactured only on request and are subject to a lead time of 4-6 weeks.



FALL
HALYARD
FALD

ADMIRAL DYNEEMA® SK90



Ø mm	8n	10n	12n	14n
m	200	200	150	100
daN	4200	6300	8800	11500
g/m	43	68	93	125
silver	2162	2164	2166	2168
black	2161	2163	2165	2167

n = Available only on demand

The top product for discerning sailors

The Admiral Dyneema® SK90 fulfils even the most demanding rope requirements. The Dyneema® SK90 fiber by DSM is worked into the core, which achieves particularly high breaking strengths. As the Admiral Dyneema® SK90 displays minimum creep behaviour, it is mainly used in high-performance sports and on huge yachts.

Technical Data

The core of Admiral Dyneema® SK90 is made from the Dyneema® SK90 fiber, which is capable of very high breaking strengths. The coating made of 32-fold braided Polyester protects the core from abrasion and UV-radiation and is simple to handle.

HIGHLIGHTS

- HIGHEST BREAKING LOAD
- MINIMUM CREEP

FALL
HALYARD
FALD

ADMIRAL PBO



Ø mm	4n	6n	8n	10n	12n	14n
m	100	100	100	100	100	100
daN	1700	2400	6000	8300	13000	18000
g/m	14	25	50	82	113	154
black	8910	8911	8912	8913	8914	8915

n = Available only on demand

Highest breaking loads with zero stretch

Admiral PBO demonstrates its excellent breaking loads especially when used as halyard, spinnaker guy, or in other situations where extreme loads are encountered.

Technical Data

The 32-plait Polyester (PES) cover protects Admiral PBO from UV radiation and makes it extremely resistant to abrasion.

SCHOT
SHEET
ECOUTE

ADMIRAL VECTRAN®



Ø mm	8n	10n	12n	14n*	16n*	18n*	20n*
m	200	200	150	245	210	180	145
daN	3150	4600	6200	8000	10000	12500	15000
g/m	46	68	98	140	180	225	286
red	9090	9091	9092	9093	9094	9335	9336
navy	9095	9096	9097	9098	9099	9340	9341
black	9100	9101	9102	9103	9104	8591	8587
white	9105	9106	9107	9108	9109	8586	8588

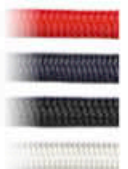
n = Available only on demand / * coil

All-around use, lowest stretch, and high breaking loads

Admiral Vectran® combines low stretch with high breaking loads and does not exhibit creep under steady loads. Admiral Vectran® has an impregnated coated core. Admiral Vectran® is extremely abrasion-resistant, and a stripped version of it is also perfectly suited for use in regatta sailing. An additional benefit is its excellent spliceability.

Technical Data

The 32-plait Polyester (PES) cover makes Admiral Vectran® highly abrasion-resistant. The Vectran® core utilizes FSE Robline special impregnation process and coating to protect fibers from UV radiation and ensures excellent adhesion between core and cover.



OCEAN DYNEEMA®

FALL
HALVARD
FALD



Ø mm	8n	10n	12n	14n	16n	18n*	20n*	22n*	24n*
m	200	200	150	100	100	180	250	180	150
daN	3500	4800	6300	8500	10000	14500	18000	20000	23000
g/m	41	59	87	117	143	184	244	267	325
red-yellow	9195	9196	9197	9198	9199	9200	9201	9202	9203
blue-yellow	8922	8923	8924	8925	8926	8927	8928	8929	8930

n = Available only on demand / * coil

The sheet for the Volvo Ocean Race

Ocean Dyneema® benefits from the high heat resistance of Aramide fibers, using them for a novel type of braided sheathing. As a consequence, this sheet is used mainly on large winches where high temperatures are encountered, for instance when securing on back stay winches.

Technical Data

The 32-plait cover: 50% of which are made up of Aramide and 50% of Polyester (PES), is highly resistant to abrasion and heat. For the core, Dyneema® SK75 is braided into a 16-plait core. Low stretch, high breaking loads, and good spliceability are the results.

HIGHLIGHTS

- HIGH HEAT RESISTANCE
- HIGH ABRASION RESISTANCE



OCEAN 5000

TRIM
TRIM
TRIM
CROSS
OVER

Ø mm	6	8	10	12	14n	16n	18n	20n	22n	24n
m	200	200	200	200	200	100	100	100	50	50
daN	3600	7300	10900	17800	21700	26100	35800	40800	53600	57800
g/m	20	36	49	90	116	136	192	217	263	345
anthracite	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808

n = Available only on demand

Highest breaking loads and low abrasion

The Ocean 5000 gains points for its top quality workmanship. As it has been pre-stretched and is made of Dyneema® SK75, its particularly high breaking loads leaves other ropes in the dark. Even with high loads and when used behind the scenes, Ocean 5000 meets the highest standards.

Technical Data

Ocean 5000 is made purely of Dyneema® SK75 and is therefore especially abrasion and UV-resistant. The high breaking strengths and the innovative waterproofing are just some of its other benefits.

HIGHLIGHTS

- HIGHEST BREAKING LOAD
- EXCELLENT UV-RESISTANT

OCEAN COVER ONLY



Ø mm	5 - 6n	8 - 10n	12 - 14n
m	100	100	100
g/m	13	21	37
blue-yellow	2317	2160	9814

n = Available only on demand

Robust, highly heat-resistant sheathing

Ocean Cover Only is the product of choice if your rope needs additional protection against abrasion or heat. Made of a combination of Aramide and Polyester (PES) fibers, the cover is used to protect those points of the rope or core that are exposed to extremely high strain and friction.

Technical Data

The 32-plait Ocean Cover Only is made up of Aramide (50%) and Polyester (50%). This is the ideal mix to maintain your rope both flexible and resistant to abrasion and heat.



SYS COVER ONLY



Polyester/
Polyamide 32

Ø mm	5 - 6n	8 - 10n
m	100	100
g/m	17	33
red-anthracite	2330	2331

n = Available only on demand

Cover with extreme abrasion resistance and excellent grip!

As the name already reveals, the SYS Cover Only consists of the sheathing of the SYS that has been proven and tested for years. The cover made of a Polyester/Polyamide construction offers protection to those points of the sheet exposed to maximum loads. The blend of the materials provides the cover with excellent grip and extreme abrasion resistance.

Technical Data

The 32-plait weave of Polyester and Taslan ensures superior abrasion resistance and high breaking strength, even when the going gets rough. The integrated mouseline facilitates the cover's application onto the sheet. This combination of premium-quality materials and excellent workmanship is what makes the Super Yacht Sheet Cover the ideal solution on winches.

SOFT SHACKLE



Dyneema®
SK75

Ø mm	4	6	9
Breaking load	1000	2000	4000
Working load	500	1000	2000
length mm	160	220	250
anthracite	2880	2881	2882

Soft shackles permit connections of low weight and high breaking load.

If you would like to get rid of your heavy metal shackles too – FSE Robline offers you the ideal solution! The light-weight and highly loadable soft shackles, made out of Dyneema® SK75, are versatile in use, even in locations that are difficult to access. The advantages of these shackles are mainly that they are so much lighter than conventional metal shackles. What is more, they can be opened easily even after having been loaded. Yet, they will not open accidentally while loaded.



