
OPTIPARTS
MARINE EQUIPMENT
WINDESIGN
2022

OPTIPARTS
MARINE EQUIPMENT

Optiparts Marine Equipment was founded in 1990
and has grown to a worldwide leading supplier
of Optimist spars, fittings and accessories.
Our motivated production team and developers
are constantly busy with producing and improving our
products to the highest standards and needs.

The extensive range of products is exported to more than
80 countries around the world and is used at
all major Optimist events worldwide.
The name Optiparts® is a registered trademark.

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WINDESIGN®

**In 2000 Windesign
introduced a clothing collection
and accessory range for all dinghy sailors.
An expanding brand which
has a proven hardware range for Laser® and 420,
a large collection of tiller extensions and recently
further developed its clothing collection;
The MIRA series.**

**The new branded range of products is exported to
more than 80 countries around the world.
The name Windesign® is a registered trademark.**

**WINDESIGN
SAILING.COM**

Laser® is a registered trademark of Velum limited licenced to
Laser Performance limited and Performance Sailcraft
Australia ltd.
Optiparts Marine Equipment b.v. is fully independent of Velum
Limited, Laser Performance limited and performance Sailcraft
Australia ltd.

#Optiparts
#WindesignSailing

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Keep track of the latest news and share your action, fun and experience with us!
Send your photos & videos and help us to innovate our products and promote our brands.

New 2022 products are displayed with:

NEW

Updated / Improved products are displayed with:

UP

PDF MANUAL

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BLACKGOLD RACING SPARS

EX900	BLACKGOLD Power mast. Including rigging pack
EX901	BLACKGOLD Medium mast. Including rigging pack
EX902	BLACKGOLD Lite mast. Including rigging pack

The Blackgold collection contains three types of spars. The regular BLACKGOLD Power mast which is suitable for sailors above 45 kg, the 12% more flexible BLACKGOLD Medium mast and the most flexible BLACKGOLD Lite mast which is 20% more flexible compared to the BLACKGOLD Power. All three are 45 microns black hard anodized 7075 masts and come with high grade nylon fittings, hard anodized cleats and a complete rigging pack.

SPRITS

EX959	BLACKGOLD Lite 26,6 mm sprit
EX960	BLACKGOLD Medium 27 mm sprit

We offer a choice of two black anodized 7075 sprits. All with black end fittings and sprit chafe guard. The 26,6 mm BLACKGOLD Lite sprit is 20% more flexible and a lot lighter than the 27 mm BLACKGOLD Medium sprit.

BOOMS

EX940	BLACKGOLD Medium 40 mm boom complete
EX945	BLACKGOLD Power 45 mm boom complete
EX955	BLACKMAX 55 mm boom complete

Three types of booms are available. All BLACKGOLD™ booms are made of high grade, black anodized tube, fitted with captive eye straps, black nylon in- and outboard end fittings, nylon outhaul cleat, 4 mm Dyneema outhaul, 3 mm pure Dyneema bridle and vang and a fitted outhaul trim gauge.
BLACKGOLD™ Medium
A stiff 40 mm lightweight boom which is suitable for the majority of sailors.
BLACKGOLD™ Power
A stiffer 45 mm boom to keep more tension on the leech for the heavier sailor. The smaller bridle gives more space when tacking.
BLACKMAX™
This ultra stiff and yet lightweight 55 mm boom can be used without a bridle. This enables the larger sailor to land further forward when tacking.

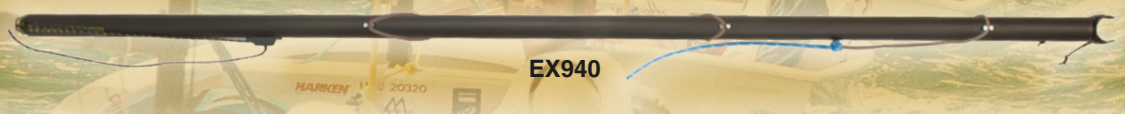
RIGGING PACK

EX13591	Rigging pack as with all BLACKGOLD sets and spars

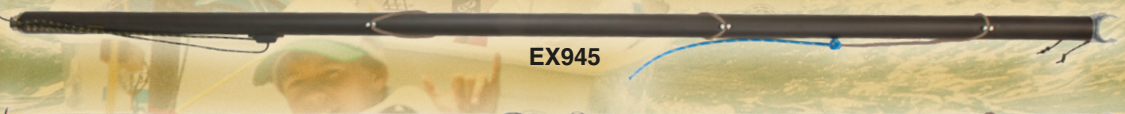
This set contains a halyard system with Dyneema halyard line, Harken hook-in block, Windesign low friction ring, PRO wind indicator, top pins, sprit halyard handle and mast sleeve.



EX900 EX901 EX902 EX959 EX960



EX940



EX945



EX955



EX13591

LOW FRICTION WIND INDICATOR

NYLON TOP PINS

HIGH GRADE 7075 ALUMINIUM

45 MICRONS BLACK HARD ANODIZED

NATURAL CORKS INSIDE FOR FLOTATION

MEASUREMENT BAND STICKER



HARKEN BALL BEARING HOOK-IN BLOCK



ALUMINIUM PIN STOP

WINDESIGN LOW FRICTION RING ON DYNEEMA LINE

SPRIT ADJUSTER HANDLE



HARD ANODIZED VANG CLEAT

HARD ANODIZED HALYARD CLEAT

LOW FRICTION DELRIN HEEL PLUG

SETS

EX970	BLACKGOLD LITE set < 35 kg	(902 / 940 / 959 / 13591)
EX975	BLACKGOLD MEDIUM set 30-40 kg	(901 / 940 / 960 / 13591)
EX978	BLACKGOLD POWER set 35-45 kg	(900 / 945 / 960 / 13591)
EX980	BLACKMAX set > 45 kg	(900 / 955 / 960 / 13591)

A combination of the BLACKGOLD spars, booms and sprits creates our four available spar sets, which are suitable for all types of sailors.

SCHOOL SPARS

EX1010	School mast*
EX1030	School boom 32 mm*
EX1040	School sprit 25 mm*
EX1050	School set (EX1010 / 1030 / 1040)*

The school spars are made of high quality aluminium tube, fitted with a stainless steel halyard block, halyard cleat and downhaul cleat, a nylon pin stop and two stainless steel eyes for fixing the head of the sail. The sprit has no chafe protection tube.

EX1011	Upgraded school mast*
EX1031	Upgraded school boom 32 mm*
EX1042	Upgraded school sprit 25 mm*
EX1051	Upgraded school set (EX1011 / 1031 / 1042)*
EX1056	Rigging pack with halyard, control lines and bridle with ring

The upgraded school spars are made of high quality aluminium tube and fitted with a stainless steel halyard block, aluminium Clamcleats, a nylon pin stop and two stainless steel eyes for fixing the head of the sail. The upgraded sprit has 15 cm anti chafe protection tubing.

EX1012	Sleeve school mast*
EX1052	Sleeve school set (EX1012 / 1030 / 1040)*

The sleeve school mast has no eyes for fixing the head of the sail and can be used with sleeve sail EX1061. The mast slides in the sleeve pocket of the sail and the sail has a loose foot. This eliminates the need of any sail ties. A mast extender (EX10122) can be used to create more headspace.

EX1053	Fixed sleeve school set (mast, boom and EX1040 sprit)*

Ideal spar set for sailing schools! It has never been so easy to store your spars after use. This sleeve mast set is supplied with a fixed gooseneck. The boom can be used without a bridle to create more headspace. The set comes with mast, boom and EX1040 sprit. Perfect in combination with the EX1061 colored sleeve pocket sail.

** Not allowed for racing*



SILVER REGATTA SPARS

EX1005	Silver regatta mast
EX1022	Silver regatta boom 40 mm
EX1041	Silver regatta sprit 27 mm
EX1048	Silver regatta set (EX1005 / 1022 / 1041)
EX13593	Rigging pack, with halyard, wind indicator and top pins

The silver regatta spars are less stiff than Blackgold and ideal for lightweight sailors who just started racing. The silver mast, boom and sprit are made of high quality aluminium tube, fitted with aluminium halyard and downhaul Clamcleats. The lightweight 40 mm silver boom is much stiffer than the 32 mm school boom and will allow the sailor to put more tension on the leech. The silver sprit has 15 cm anti chafe protection tubing.
Both mast and set come with rigging pack, containing all necessary lines, wind indicator, top pins and halyard with hook-in block.



EX1056



EX13593



SAILS

EX1057A	Windesign Durarace LITE sail < 45 kg, 99 lbs
EX1058A	Windesign Durarace POWER sail > 45 kg, 99 lbs

Our Durarace sails are perfect for practice and learning to race.
Built for durability and speed! Made of 4.18 oz Challenge sailcloth.
A bit heavier but much more durable than sailcloth used in most racing sails.

EX1059	Club sail
EX1060	School sail

These sails are made of strong 3.8 oz high quality 100% dacron sailcloth, have six panels with nickel plated eyes and heavily reinforced corners. Complete with battens and long sail bag for storage of sail and spars.
The EX1059 club sail comes with window, class logo and I.O.D.A. button, according to the I.O.D.A. class rules.
The EX1060 comes without window, logo and button.

EX1061	Sleeve pocket sail colored
EX1061W	Sleeve pocket sail white
EX1061WR	Sleeve pocket sail white with reef eye

These sleeve pocket sails are ideal for sailing schools. The mast slides in a sleeve pocket while the sail is loose footed on the boom. Made of strong 3.8 oz sailcloth. They have five panels without sailbattens, 4 heavily reinforced corners and webbing loops for the boom. The EX1061 and EX1061W should be used with sleeve school set EX1052. The EX1061WR should be used with the fixed sleeve school set EX1053. When using the reef eye, the boom goes up and gives more headspace for the sailor.

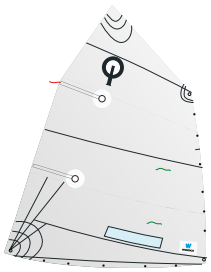
EX1061M	Trisail only
EX1064	Trisail set
EX1446	Boom bumper head protector

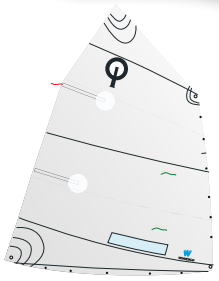
This sail is half the size of a normal Optimist sail. Very easy to handle. Now even the smallest helmsman can continue sailing in heavy wind. Supplied as set with sleeve mast, 40 cm mast extender (EX10122) and mini boom with boom bumper head protector. The Trisail can also be used with a regular sleeve mast and boom with the addition of a 40 cm mast extender.

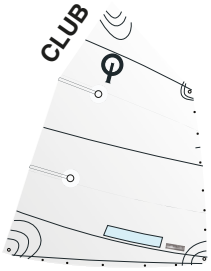
EX10121	10 cm mast extender for EX1012*
EX10121S	20 cm mast extender for EX1012*
EX10122	40 cm mast extender for EX1012*

Optimist mast extenders can be used with the Optimist sleeve mast. The Optimist mast extenders are available as seperate items for the Sleeve School mast. These mast extenders can be dropped in the top of the Optimist mast and moves the sail up to create more space in the cockpit.

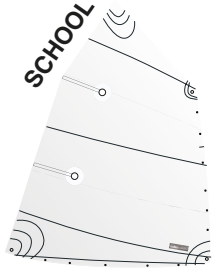
** Not allowed for racing*


EX1057A


EX1058A

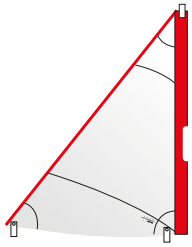


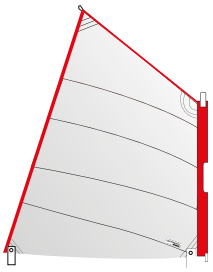
EX1059

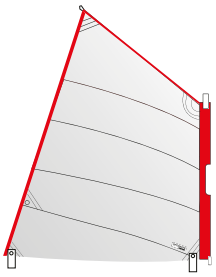


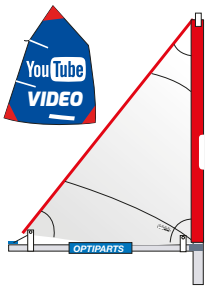
EX1060


EX1061


EX1061M


EX1061W


EX1061WR



EX1064

OPTIPARTS
EX1446


EX10121


EX10121S


EX10122

WOODEN SCHOOL FOILS

EX11003	Wooden school rudderblade without fittings*
EX11053	Wooden school rudderblade with fittings**
EX11103	Wooden school daggerboard
EX11143	Wooden school foil set without fittings*
EX11153	Wooden school foil set with fittings**

These wooden foils are made of high grade marine plywood. The rudderblade has a thickness of 13 mm and daggerboard 15 mm.
These are the most affordable foils available, for school and recreation only.

GRP SCHOOL FOILS

EX11000	GRP school rudderblade without fittings*
EX11050	GRP school rudderblade with fittings**
EX11100	GRP school daggerboard
EX11140	GRP school foil set without fittings*
EX11150	GRP school foil set with fittings**

These GRP school foils are for training and school use only.

ONE DESIGN RACING FOILS

EX11005	One design rudderblade without fittings*
EX11055	One design rudderblade with fittings**
EX11105	One design daggerboard
EX11145	One design foil set without fittings*
EX11155	One design foil set with fittings**

These fiberglass / foam Optimist foils are designed to be the most durable racing foils. The daggerboards are fitted with durable teak wood battens.

ONE DESIGN RACING FOILS PRO

EX11006	One design pro rudderblade without fittings*
EX11056	One design pro rudderblade with fittings**
EX11106	One design pro daggerboard
EX11146	One design pro foil set without fittings*
EX11156	One design pro foil set with fittings**

These high-end fiberglass / foam racing Optimist foils with sanded pro finish are manufactured in high quality CNC designed moulds to be the most ultimate racing foils.

**All rudderblades can be used with Optiparts tillers, extensions and rudderfittings.*
*** Tillers (with extension) have to be ordered separately.*

RUDDER FITTINGS

EX1150	Rudder fitting set (EX1160S / EX1160L / EX1170 / EX1180)
EX1155	Bolts and self-locking nuts. Set of 12
EX1160	Rudder pintle set (EX1160S / EX1160L)
EX1160S	Rudder pintle short
EX1160L	Rudder pintle long
EX1170	Set transom gudgeons with backing plates
EX1170P	Set transom fittings with 8mm pin
EX1180	Rudder retaining clip

These stainless steel rudder fittings are available as a set or separate.

FOIL ACCESSORIES

EX1113	Daggerboard bungy with handle

A 6 mm shockcord with a red PVC handle to retain the daggerboard in its case. The handle keeps your daggerboard in place and your hiking straps up too. Comes in a complete set to keep the shockcord in place.

EX11158	Foil protector set

Clear plastic profiles which fit over the trailing edge of the daggerboard and rudder to protect them from any damage when in storage or transportation.


EX11103


EX11100


EX11105


EX11106


EX11053


EX11050


EX11055


EX11056


EX1160S


EX1160L


EX1170


EX1155


EX1180


EX1170P




EX1113


EX11158

TILLERS AND EXTENSIONS

EX1120	Aluminium tiller. Silver anodized
EX1122	Aluminium tiller. Black anodized

These tillers have two rectangular aluminium tubes mounted together with plastic end caps. Tube size 10 x 20 x 1.5 mm and suitable for all sizes of Optimist rudderblades. Each tiller is supplied with bolts and nuts to mount it to a rudderblade.

EX1125	Deluxe tiller and extension

Black anodized aluminium tiller (EX1122) with 60 cm deluxe aluminium tiller extension (EX1140). Supplied with releasable joint / swivel with rope core and foam grip.

EX1130	Standard tiller and extension

Silver anodized aluminium tiller (EX1120) with 60 cm standard aluminium tiller extension (EX1142). Supplied with fixed joint / swivel and golf grip.

EX1140	16 mm Deluxe tiller extension with black foam grip

Black anodized 60 cm aluminium, with releasable joint / swivel with rope core and foam grip. The rope core will avoid complete failure when the rubber tear.

EX1141	16 mm Deluxe tiller extension with colored foam grip
EX1142	16 mm Standard tiller extension with golf grip

Silver anodized 60 cm aluminium with fixed joint / swivel.

EX1139	16 mm Deluxe tiller extension, super smooth

Black anodized aluminium tiller extension which is super smooth and designed to maximum allowed length.



X-GRIPPED COLOR SERIES



EX1145Y Tiller extension 20 mm X-gripped, yellow
A 20 mm tiller extension for the Optimist, fitted with yellow X-gripped heat shrinkable tubing and a releasable joint with rope core.



EX1145GR Tiller extension 20 mm X-gripped, green
A 20 mm tiller extension for the Optimist, fitted with green X-gripped heat shrinkable tubing and a releasable joint with rope core.



EX1145BL Tiller extension 20 mm X-gripped, blue
A 20 mm tiller extension for the Optimist, fitted with blue X-gripped heat shrinkable tubing and a releasable joint with rope core.



EX1145RD Tiller extension 20 mm X-gripped, red
A 20 mm tiller extension for the Optimist, fitted with red X-gripped heat shrinkable tubing and a releasable joint with rope core.



EX1145BK Tiller extension 20 mm X-gripped, black
A 20 mm tiller extension for the Optimist, fitted with black X-gripped heat shrinkable tubing and a releasable joint with rope core.

DOPPIO
RAISED RED X-PATTERN TO CREATE EXTRA GRIP



EX1145BKRD Tiller extension 20 mm X-gripped, “Doppio”
A 20 mm tiller extension for the Optimist, fitted with a special black / red X-gripped heat shrinkable tubing and a releasable joint with rope core.

OPTIMIST X-GRIPPED COLOR SERIES

Give your Optimist some color with the colored X-gripped tiller extensions. A range of 20 mm aluminium tiller extensions, fitted with X-gripped heat shrinkable tubing and a releasable joint with rope core. Available in six different colors. One special color called “Doppio”. It is a black grip with a raised red X-pattern to create extra grip; double grip!

HEAVY DUTY BUOYANCY BAGS

1212	Buoyancy bag 48 L, normal valve, color yellow
1213	Buoyancy bag 48 L, normal valve, color white
1215	Buoyancy bag 43 L, normal valve, color grey
1215L	Buoyancy bag 43 L, normal valve, color grey with logo
1216	Buoyancy bag 43 L, twist lock tube valve, color red
1217	Buoyancy bag 48 L, twist lock tube valve, color blue
1218	Buoyancy bag 48 L, twist lock tube valve, color yellow
1219	Buoyancy bag 48 L, twist lock tube valve, color red
1222	Buoyancy bag 48 L, twist lock tube valve, color orange
1223	Buoyancy bag 48 L, double coloured grey and blue

Optiparts heavy duty buoyancy bags, according to IOD'95 rules. These bags are made of polyurethane coated nylon and are about half the weight and significantly stronger than bags made of PVC or PVC coated nylon.
Some bags are available with a twist lock tube valve. This valve is attached to a piece of tubing. With this valve the bag can easily and quickly be inflated and deflated. 48 liter bags are slightly heavier than 43 liter bags but after a capsize there is less water in the boat.

43 liter sizes: 27 x 88 cm inflated, 41 x 100 cm deflated
48 liter sizes: 29 x 92 cm inflated, 44 x 98 cm deflated

PVC BUOYANCY BAG

EX1220	Buoyancy bag 43 L, normal valve, color white

Made of high quality flexible PVC cloth. Suitable for all non IOD'95 Optimists and other classes. Can be used inside GRP tanks or with straps.
Size inflated 24 cm x 92 cm.

HIKING STRAPS, WEBBING AND MOUNTING PLATES

EX1450	Padded hiking straps
EX1450P	Pro padded hiking straps

Get a better grip with our pro padded hiking straps. Same style as our EX1450 strap but with non slip layer underneath. Both padded straps are made of strong polyester webbing, covered with wear resistant cloth, filled with foam plate material which does not absorb water. Strong stitched through construction. Aft end a pressed ring and sewn flat to prevent twisting

- Loops for shockcord to pull up the front for easy access
- Front ends are open for mounting with plate or rope

EX1451	Non padded hiking straps

Made of strong polyester webbing which has a good UV protection.

EX1453-10	Stainless steel mounting plate. Set of 10
EX14531-10	Nylon mounting plate, black. Set of 10
EX14532-10	Nylon mounting plate, red. Set of 10
EX14533-10	Nylon mounting plate, blue. Set of 10

Stainless steel and nylon plates with two holes for mounting hiking straps and buoyancy bags. Thickness: stainless steel 2 mm, nylon 4.5 mm.

EX1462	Webbing roll, blue. 50 meter
EX1464	Webbing roll, black. 50 meter
EX1466	Webbing roll, white. 50 meter
EX1468	Webbing roll, grey. 50 meter

Polyester buoyancy bag webbing which has a good UV protection. 1.5 mm thick, 50 mm wide.

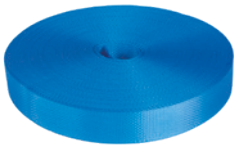



EX1220


EX1450 EX1450P


EX1451


EX1453 EX14531 EX14532 EX14533


EX1462


EX1464


EX1466


EX1468

PRADDEL PADDLE / WHISTLE / SPONGE

EX1440	Praddel paddle, color orange
EX1440G	Praddel paddle, color grey

Single handed paddle. Can be used with one arm only while steering with the other arm. Weighs only 215 grams.

EX1441	Pea-less plastic whistle with lanyard and clip
EX1443	Plastic hook for securing praddel, bailer or daggerboard
EX1445	Sponge stick

This sponge stick grows from a compressed stick to a full sized sponge. High quality, biodegradable and environmentally friendly cellulose sponge.

EX1235	Rubber transom plug for max 45 mm transom drains

BAILERS

EX1442R	Handbailer 3.5 liter, color red
EX1442G	Handbailer 3.5 liter, color green

The traditional blow molded handbailer which fits perfectly to the corners of the IOD'95 hull. Contents: 3.5 liter. Red and green for port and starboard. Length 21 cm, width 12 cm

EX1444	Handbailer small 1 liter, color orange

Small handbailer, for sailing schools and other dinghies.
Length 18 cm, width 11 cm

EX1448	Handbailer 4.2 liter, color orange
EX1449	Handbailer 4.2 liter, color grey

Large, lightweight and durable handbailers. The wide ergonomic base creates more bailing capacity with each stroke, the curved bottom to follow the bailing motion and a triangular top so you don't get stuck behind the gunwale. High handle with end stop to prevent slipping out of your hand, with integrated shockcord fastening. Reinforced wear areas, rounded front lip and stackable for transportation.
Length 24 cm, width 17 cm

WATERPROOF STORAGE

EX3048	Lunch container 3 L
EX3049	Lunch container 6 L

Waterproof lunch container, stores your lunch and valuables dry.
Keep the container in your own boat or in the coach boat. With a hole in the lid to attach a line. 2 sizes: 3 liter, 17 cm high and 6 liter 26 cm high.

EX1237	Hatch cover 100 mm. Cut out diameter: 108 mm

OPTI HIKING BENCH

EX1500	Opti Hiking bench

Fully detachable hiking bench with adjustable hiking strap. This is the ultimate solution for hiking fitness while you are watching TV, reading a book or playing a video game. This lightweight, super strong hiking bench is made of the same materials as our Optiparts trolley and is just as easy to assemble. Perfect for that extra training session. Only 3.7kg (8 lbs).


EX1441


EX1444



EX1445


EX1443


EX1235



EX1440



EX1440G


EX1442R


EX1442G


EX1448


EX1449


EX3048


EX3049


EX1237



EX1500

MASTSTEP

EX1202	Adjustable maststep with round cup
EX1204	Round cup only
EX1206	Base plate only
EX1207	8mm nut, comes with EX12071 spring lock keeper
EX12071	Spring lock keeper
EX12072	PTFE mast disk, 1mm thick

The Optiparts maststep has an oval cup, which allows the mast to tilt forward when going downwind. Friction between mast and maststep is reduced to a minimum. Different mast rakes can easily be repeated using the scale on the base. Separately a mast step spring lock can be purchased.
The stainless steel spring prevents the nut from turning accidentally.


EX1202


EX1204


EX1206


EX12071


EX1207


EX12072

MAST LOCK

EX1203	Mast lock

Stainless steel lock to secure your mast from coming out of its step when the boat is capsized. Prevents costly foredeck damage. This lock has a rubber insert and should be clamped around the mast just under the deck. We suggest to use the collar in addition to the rope locking system to create double security. Supplied with a line to attach it to the maststep.


EX1203

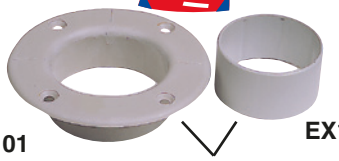
DECK COLLARS

EX1208	Standard nylon deck collar, black
EX1209	Low friction Delrin deck collar, white
EX1210	Deck collar with mast sleeve, grey
EX12101	Deck collar only, grey
EX1211	Mast sleeve only, grey (as with Blackgold masts)

Optiparts offers three types of deck collars. A standard nylon mast collar to be fitted in a 53 mm deck-hole, and two racing deck collars with oval inner diameter which allow maximum fore/aft play and minimum side play. The tapered inner diameter allows the mast to be raked.
Four countersunk mounting holes to be fitted in a 57 mm deck-hole.
EX1210 has a separate sleeve which is fitted around the mast at deck level and protects the mast from wearing.


EX1208


EX1209


EX12101

EX1211

EX1210

BASEPLATES, SHACKLES AND SPRINGS

EX1301	4 mm flat shackle
EX1302	5 mm flat shackle
EX1304	Stainless steel spring to mount under ratchet blocks
EX1305	Flexible 40mm PVC stand-up to mount under ratchet blocks
EX1410	Swivel base plate with 5 mm holes
EX1412	Fixed base plate with 5 mm holes

For mainsheet and hiking straps

EX1414	Small eye with 4 mm holes

1 mm thick, 10 x 9 mm opening, hole distance 24 mm

EX1415	Large eye with 5 mm holes

2 mm thick, 15 x 13 mm opening, hole distance 36 mm


EX1412


EX1414


EX1415


EX1301


EX1302


EX1410


EX1304


EX1305

SPAR ACCESSORIES

EX1333B	Measurement band sticker blue
EX1333G	Measurement band sticker gold
EX13371	Pin stop as used for downhaul on school booms*
EX13372	Pin stop as used on silver and school masts*
EX13373	Pin stop as used on silver and school booms*
EX1337	Pin stop as used on Blackgold masts*
EX1339	Lacing eye “bridge” as used on Blackgold booms*
EX1336	Vectran sailties for mast and boom

Set of five 2.2 mm tack lines and fourteen 1.2 mm lacing lines

EX1354	Nylon sprit adjuster handle with hole for 4 mm lines
EX1355	Sprit protection

15 cm heat shrinkable tubing for protection between sprit and mast.
Can be applied with a hair dryer or paint stripper

EX1358R-20	16 cm trim strip red. Set of 20
EX1358G-20	16 cm trim strip gold. Set of 20
EX1364	Vang for all racing booms

Spliced Dyneema® vang line with a loop on one end for easy attachment.
Tie or splice the open end around the boom.

** Supplied with pop rivet*

SPRIT ENDS AND MAST PLUGS

EX1275	Inboard end for 32 mm standard boom (EX1030)
EX1276	Outboard end for 32 mm standard boom (EX1030)
EX1280	Inboard end for 40 mm racing boom (EX940)
EX1282	Outboard end for 40 mm racing boom (EX940)
EX1284	Inboard end for 45 mm racing boom (EX945)
EX1285	Outboard end for 45 mm racing boom (EX945)
EX1281	Inboard end for 55 mm racing boom (EX955)
EX1283	Outboard end for 55 mm racing boom (EX955)
EX1255	Heel plug, low friction Delrin, for racing masts
EX1256	High heel plug, low friction Delrin, for racing masts
EX1257	Heel plug, heavy duty, for silver and school masts
EX1260	Top cap for school masts
EX1270	Sprit ends for 25 mm standard sprits. Set of 2
EX1271	Sprit ends for 27 mm Blackgold and silver sprits. Set of 2
EX1272	Sprit ends for 29 mm Blackmax sprits. Set of 2
EX1290	Mast flotation plugs, made of natural cork. Set of 3

All boom end fittings are made of high quality glass fibre filled nylon and have a firm grip around the mast. This ensures that mast and boom turn together. When refitting an old mast with a high heel plug first make sure the total mast length will not exceed 2350 mm. The sizes above are outside tube diameters.


EX1333B


EX1333G


EX13371 EX13372 EX13373 EX1339 EX1337


EX1355


EX1358R-20


EX1358G-20


EX1354


EX1364


EX1336


EX1275


EX1276


EX1280


EX1281


EX1282


EX1283


EX1284


EX1285


EX1255


EX1256


EX1257


EX1260


EX1270


EX1271


EX1272


EX1290

WIND INDICATORS

We supply a standard wind indicator with red PVC flag on a wire frame, as used on many Optimists and other dinghies. More popular is our low friction wind indicator. It has a strong vane arm which is accurately balanced and performs amazing sensitive. The vane arm is attached to the needle with a positive locking system which prevents loosing the vane arm.

EX1240	Standard wind indicator
EX1240-10	Standard wind indicator. Set of 10

Not allowed for Optimist class racing: C.R. 3.5.2.6

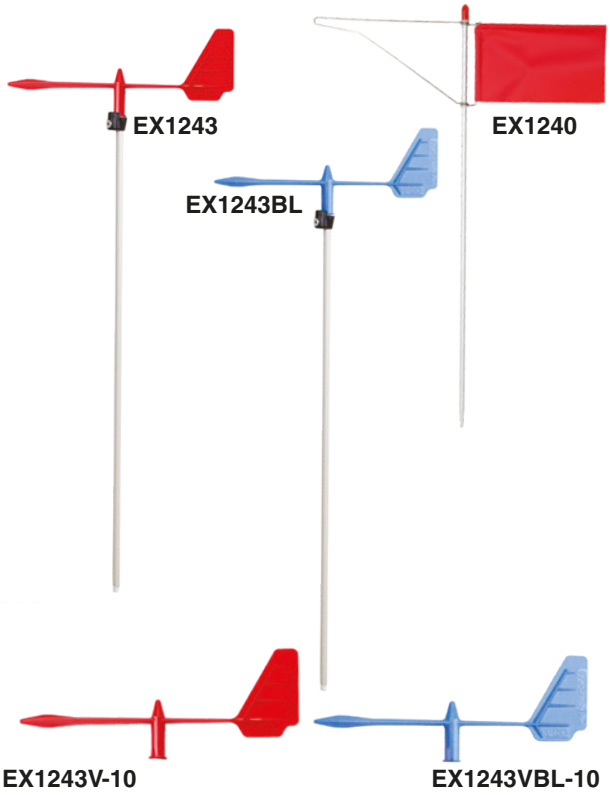
EX1243	Wind indicator Windesign PRO, red
EX1243-10	Wind indicator Windesign PRO, red. Set of 10
EX1243BL	Wind indicator Windesign PRO, blue
EX1243BL-10	Wind indicator Windesign PRO, blue. Set of 10

With blunt point, allowed for Optimist class racing

EX1243V-10	Vane only, red. Set of 10
EX1243VBL-10	Vane only, blue. Set of 10
EX1245	Wind indicator clip for school masts
EX1335	Set of small nylon top pins

Simplified top pins, where sailties are knotted outside of the mast for easy adjustment.

EX1338	Set of nylon top pins, as supplied with racing masts
EX1338A	Set of aluminium top pins, long lasting, gold anodized



EX1243V-10 EX1243VBL-10

BOOM ACCESSORIES

EX1360	3 mm Dyneema boom bridle with stainless steel ring
EX1362	15 mm stainless steel ring
EX1362-10	15 mm stainless steel ring. Set of 10
EX1371	Stainless steel safety snap shackle. 43 mm, 16 gr. Not available in France.
EX1371L	Stainless steel snap shackle (EX1371) with line loop Not available in France.
EX1372	Stainless steel trigger safety snap shackle. 49 mm, 20 gr
EX1373	Protest flag

Little pouch with a cord at the top to tie it to the boom and a velcro closure at the bottom. Pull the bottom cord and the protest flag comes out.



EX1338



EX1335



EX1338A



EX1245

CLEATS

EX1380	Hard anodized aluminium Clamcleat (CL211 MK2) for downhaul on Blackgold masts
EX1381	Silver anodized aluminium Clamcleat (CL211 MK2) for downhaul and halyard on silver masts
EX1399	Hard anodized aluminium Clamcleat (CL211 MK2) with becket for halyard on Blackgold masts
EX1402	Stainless steel V-cleat for school masts
EX1405B	Blue nylon V-cleat for silver and school booms
EX1405G	Grey nylon V-cleat for Blackgold booms



EX1371



EX1371L



EX1372



EX1360



EX1380



EX1381



EX1399



EX1373



EX1402



EX1405B



EX1405G



EX1362

SAIL ACCESSORIES

EX1416	Untapered sail batten, with plastic end caps, 40.5 cm	
EX1417S	Tapered sail batten, 45.5 cm, for top batten, with hole	
EX1417L	Tapered sail batten, 54.5 cm, for bottom batten, with hole	
EX1418	Optimist class logo, blue. Set of two	
EX1419RD	Digital sail number, red, 23.5 cm	=order per piece=
EX1419BK	Digital sail number, black, 23.5 cm	=order per piece=
EX1419BL	Digital sail number, blue, 23.5 cm	=order per piece=

Cut to make any number or letter.

EX1420BK…	Sail number, black, 23.5 cm	=order per piece=
EX1420BL…	Sail number, blue, 23.5 cm	=order per piece=
EX1420G…	Sail number, grey, 23.5 cm	=order per piece=
EX1420RD…	Sail number, red, 23.5 cm	=order per piece=

Specify number or letter when ordering

EX1430	Telltales

A set of 16 telltales (8 red and 8 green) in resealable display packing with instruction manual. Supplied with adhesive discs to fix the telltales to the sail.

HULL PROTECTORS

EX1065	Bow bumper

Foam tubing covered by heavy duty polyester cloth. This fender has a snug fit around the bow of the Optimist. Ideal for sailing schools. With grommet in the middle to pass the painter.

EX1066	Corner protectors

Heavy duty rubber corner protectors with self adhesive backing. These can be used on bow only or on all 4 corners. Special preshaped rubber profile. This is not a flat piece of thin rubber! Set of 2 pieces.

EX1118	Protection pack

A complete protection package for the Optimist. Contains self adhesive PTFE protection for maststep, outhaul, daggerboard, sprit, rudder, bailer and boat corners. Also contains 5 PTFE mast disks and rubber daggerboard slot inserts.

EX1117	Daggerboard protection kit

A complete kit for protecting your valuable daggerboard. Contains 4 rubber inserts, glue, sandpaper and 4 self adhesive glide strips (300 x 18 x 1.0 mm). These strips can be stuck to the top and the bottom of the case and minimize play and friction between the daggerboard and its case.

EX11171	Glide tape roll 8 meter, 18mm wide
EX1116	Rubber slot insert
EX1116-10	Rudder slot insert. Set of 10

EX1416

EX1417S

EX1417L



EX1419RD EX1419BL EX1419BK



EX1420BL EX1420RD EX1420BK EX1420G



EX1418



EX1430



EX1065





EX1066

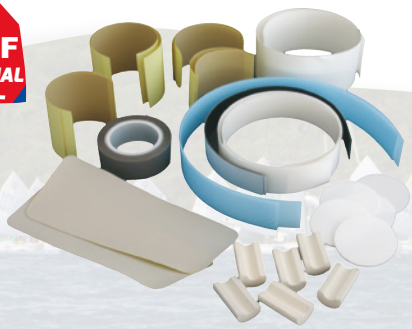




EX1117 EX11171







EX1118

EX1116

MAINSHEET BLOCKS

EX1295	57 mm Harken carbo ratchet block
EX1296	57 mm Harken carbo ratchet block with 2-way link
EX12961	2-way link, can be used on the EX1295 and the EX1299

Harken 57 mm ball bearing carbo ratchet blocks have machined aluminium sheaves with 8 facets to hold the line securely. Weighs only 85 grams.

EX1299	57 mm ball bearing ratchet block
EX1306	29 mm Harken single carbo block
EX1308	40 mm Harken single carbo block
EX1309	40 mm Harken carbo block with eyelet and spring
EX1314	Harken mainsheet extender. Not available in France.

40 mm Harken single block spliced with Dyneema to a safety snap shackle

EX13141	Spliced replacement line for EX1314 mainsheet extender
EX1317	Windesign mainsheet extender. Not available in France.

38 mm Windesign low friction ring spliced with Dyneema to a safety snap shackle. An extra loop is added below the ring for an easy switch between 2:1 and 3:1 mainsheet.

EX1319	40 / 29 mm Harken block combination

The perfect solution for creating a 4:1 mainsheet

EX1321	40 / 29 mm Harken block combination with safety snap

40/29 mm block combination spliced with Dyneema to a safety snap shackle.

EX1315	38 mm ball bearing block
EX1316	38 mm ball bearing block with becket

Ball bearing blocks with stainless steel cheeks and 38 mm sheaves for lines up to 10 mm.

EX1318	34 mm plain bearing block
EX1320	34 mm plain bearing block with becket

Plain bearing blocks with stainless steel cheeks and 34 mm sheaves for lines up to 10 mm.

EX1325	34 mm plain bearing fiddle block
EX1326	34 / 20 mm plain bearing fiddle block
EX1327	34 / 20 mm plain bearing fiddle block with EX1372 snap
EX1328	34 mm plain bearing block

Plain bearing blocks with nylon cheeks and acetal sheaves for lines up to 8 mm. Lightweight, very strong and affordable. These blocks are designed for Optimists and other small dinghies and can be attached with ropes, webbing and shackles. The cheeks can be opened so the blocks can be attached direct on existing deck eyes.


EX1295


EX1296


EX1306


EX1299


EX1309


EX1308


EX1315


EX1316


EX1318


EX1320


EX12961


EX1314


EX1317


EX13141


EX1319


EX1321


EX1325


EX1326


EX1327


EX1328

BLOCKS AND HALYARDS

EX1330	22 mm plain bearing halyard block as used on school masts
EX1331	22 mm plain bearing halyard block with becket
EX1332	19 mm plain bearing halyard block as used on silver masts
EX1334	16 mm Harken ball bearing micro block
EX1340	Plain bearing hook-in block as used on silver masts
EX1342	Plain bearing halyard as used on silver masts
EX1344	18 mm Harken ball bearing Fly-Soft block
EX1345	29 mm Harken ball bearing Ti-Lite block
EX1348	Halyard system with low friction ring

System as used on all Blackgold masts from 2017. The combination of Harken hook-in block, Dyneema spliced halyard line and Windesign low friction ring creates the most advanced halyard system on the market.

EX1349	Halyard line with spliced on low friction ring
EX1350	Halyard line with spliced 29 mm Harken Ti-Lite block
EX1351H	Harken ball bearing hook-in block

Used on Blackgold racing masts. Due to the curved saddle the block rests against the mast in a fixed position which prevents mast wear and creates a halyard system with less friction.

EX1352	Harken halyard system

Complete with Harken hook-in block and 29 mm Ti-Lite block with 3 mm low stretch Dyneema with spliced loops.

EX1353	Halyard line with spliced loops as used on EX1352

SHEETS, LINES, PAINTER AND MAINSHEET SYSTEMS

EX1370	Pro Line Optimist upgrade package

High performance outhaul, vang and halyard system, consists of a 3.5 mm HT Polyester outhaul for excellent grip in the cleat, a spliced Technora®/ Dyneema® halyard with low friction ring and a 3 mm Dyneema® vang with 5 mm Technora®/Dyneema® part.

EX1374	6 mm floating painter 8.1 meter with UV treatment
EX1377	8 mm mainsheet 6 meter 16 plait polypropylene
EX1378	7 mm DB-Racing mainsheet, 7.5 meter

Non-tangling double braided mainsheet with a light high stretch multi-filament polypropylene core and a braided polyester cover which leaves the outer to be the load bearer. Enough length for a 4:1 mainsheet.

EX1379	9 to 6.5 mm double tapered mainsheet

This Optimist mainsheet is tapered and made of abrasion resistant PES material. Tapered from 9 to 6.5 mm. Thick and soft where it touches your hand. Thin and smooth elsewhere for less friction. Tapered on both ends. Long enough to create a 4:1 mainsheet with 2 boom blocks.

EX1379P	8 to 6 mm pro line double tapered mainsheet

The combination of Black Technora, Dyneema, Polyester and Cordura creates the most advanced Optimist mainsheet available. The mainsheet has extremely good wear resistance characteristics. It has a total length of 7.4 meter and is double tapered from 8 to 6 mm.

EX1375	School Optimist mainsheet system

6 meter, 8 mm mainsheet, 3 shackles, 1 spring and 3 plain bearing blocks.
(3 x 1302 / 1304 / 2 x 1318 / 1320 / 1377)

EX1376	Racing Optimist mainsheet system

6 meter, 8 mm mainsheet, 2 shackles, 1 snap, 1 spring, 2 ball bearing blocks and 1 ratchet block.
(2 x 1302 / 1304 / 1372 / 1315 / 1316 / 1299 / 1377)

EX13761	Pro Racing Optimist mainsheet system

Double tapered mainsheet, 1 shackle, 1 spring, 1 ball bearing block, mainsheet extender and 1 ratchet block.
(1379 / 1296 / 1302 / 1304 / 1308 / 1314)


EX1330


EX1331


EX1332


EX1334


EX1340


EX1342



EX1344


EX1345


EX1351H


EX1349



EX1350


EX1353


EX1352


EX1348



EX1370


EX1374


EX1377



EX1379P


EX1379


EX1378


EX1375


EX1376


EX13761

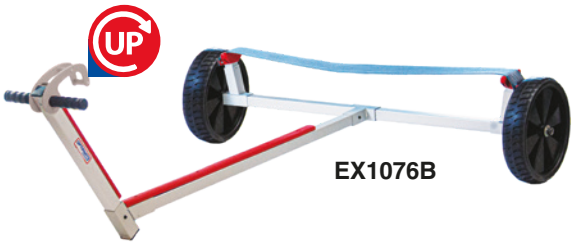
TROLLEY / DOLLY

EX1076	Optiparts trolley / dolly for Optimist
EX1076B	Optiparts trolley / dolly with belt

Lightweight aluminium trolley with stainless steel axles and solid hull supports. Supplied with Bow wow which is made of recycled environmental friendly plastic, a unique system to lock the bow to the trolley with one quick and simple movement. Prevents the hull from sliding off on steep launch ramps. The trolley has been designed to be the most functional available. Spring locking quick release of all parts allow the trolley to be disassembled in a matter of seconds for storage and travel. The frame has welded joints and is anodized to prevent corrosion. The Optiparts trolley is supplied with 8 mm stainless steel push button wheel locks which are mounted inside the axle. The EX1076B has the same design but with belt. Your Optimist slides easy from the belt when launching.



EX1076



EX1076B

EX10781	Smallstar puncture and temperature proof wheel, 26 cm
EX10782	Durastar-lite puncture and temperature proof wheel, 37 cm
EX10785BL	Durastar puncture and temperature proof wheel, 37 cm
EX10786	Optiflex-lite puncture proof wheel, 37 cm

All wheels are suitable for 25 (1”) x 75 mm axles.



EX10781 EX10782 EX10785BL EX10786

EX1077	Bow wow replacement kit, including PVC handles

Bow wow made of recycled environmental friendly plastic.

EX10783	25 mm bushing for EX10786
EX10788	20 mm bushing for EX10786
EX10790	Stainless steel spring clip for securing wheels
EX10791	Galvanized spring clip for securing wheels
EX10792	Round button spring locking system
EX10793	Heel plate including rivets
EX10794	PVC handles
EX10796	Trolley padding kit

Set of foam tubing with two 600D nylon protectors with velcro fastener.
It protects the hull and makes the surface slippery for easy launching.
The padding runs over the full width of the trolley, so the middle is protected when turning the hull upside down.



EX10796


EX10790


EX10791


EX10792

EX10797	Stainless steel 25 mm (1”) axle with plastic plug
EX10798	Push button wheel lock stainless steel 8 mm

Enlarge 5 mm hole to 8 mm to use this lock in older trolleys

EX10799R	Rubber for side support
EX10799P	Protective tube and Tie-wrap

Pull and tighten the Tie-wrap through the hull support eye.
This tube protects the hull against scratches.


EX10793


EX10783


EX10788


EX10797


EX10798


EX10799R


EX10799P



EX1077


EX10794

COVERS

EX1080	Top cover tented with battens*

This cover has two sailbattens integrated in the top panel. The top panel will be tented when the webbing straps connected to both ends of each batten are tensioned. Made of grey 600D PVC ripstop polyester. The padded panels on the front, back and sides fold around the corners and protect your hull.



EX1080

EX1081	Top cover Breathable*

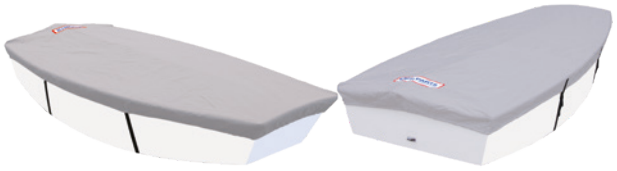
Durable cover made of Moistureguard 2000, a heavy duty 900D polyester with a polyurethane membrane which has excellent breathability and is waterresistant. Wide skirts around the edge of the hull for good protection. Fast and easy to install with two adjustable straps.



EX1081

EX1082	Top cover Economy*

Affordable cover made of strong and flexible solution dyed PVC coated polyester. 100% waterresistant but not breathable. Wide skirts around the edge of the hull for good protection. Fast and easy to install with two adjustable straps. Solution dyed polyester has much better color fastness and UV resistance than cheaper pigment dyed polyester.



EX1082

EX1091	Bottom cover Breathable

Durable bottom cover made of Moistureguard 2000. Quick and easy to install with a 6 mm shockcord in the skirt and 2 adjustable straps. The cover has 3 wide strips of thick foam padding to protect the hull.



EX1091

EX1091S	Bottom cover Economy

Affordable bottom cover made of 600D solution dyed polyester. Quick and easy to install with an adjusting line in the skirt and 2 adjustable straps. Not breathable, only for traveling. For outside storage use EX1091.

EX1095	Bottom cover fully padded

This bottom cover provides the best possible protection during travel. Made of 420 PU outside, high quality 190T innerlining inside and closed cell foam in between (only for traveling). For outside storage use EX1091. This cover is not made of solution dyed fabric. Therfore not suitable for continuous exposure by UV

** To avoid damage, we advise to remove top covers during transport*



EX1091S



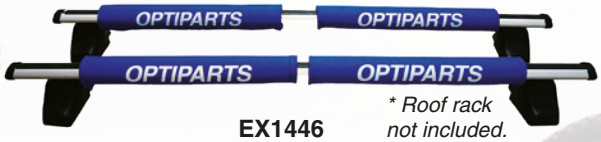
EX1095

** Not suitable for outside storage*

ROOF RACK

EX1446	Padded roof rack cover

Heavy duty foam tubing covered with nylon cloth with velcro fastener. Protects your boat from being damaged when transported on a roof rack. Length 50 cm. Sold per piece



EX1446

** Roof rack not included.*

STORAGE BAGS

EX1062	Sail bag

250 cm long sail bag of red nylon cloth to protect your sail when rolled around the boom.

EX1063	Rig travel bag

Heavy duty bag from 600D PVC coated polyester with two compartments for sail, mast, boom and sprit. With zip closure, name tag pocket and detachable and adjustable carrying strap. Can be bundled with 2 straps to create a compact package. Built to fit a 100 mm (4") diameter thin-walled PVC irrigation pipe, to prevent the sail from being crushed.

EX1119	Rudder and daggerboard bag

A 600D nylon bag with 3 compartments for rudder, daggerboard and accessories. The rudder and daggerboard compartments are padded for the best protection. The outside compartment provides enough space for accessories like sheet, mastlock, wind indicator and more.
Supplied with shoulder strap and a sailnumber and name tag.



EX1062



EX1063



EX1119



FULLY PADDED RIG TRAVEL BAG

Heavy duty fully padded rig bag from 600D PU coated polyester with three main compartments for mast, boom and sprit. With zip closure over the full length, name tag, two additional luggage pockets and detachable and adjustable carrying strap.

EX1068	Fully padded rig travel bag

BOOKS AND VIDEO

EX1434	Drillbook: the DinghyCoach method (English written)

Over 75 specific exercises organized by category and difficulty to serve as a guideline and inspiration for coaches. Written by Pim Stumpel and Ben Koppelaar and with support of Huub Lambriex they have created tools to help coaches, program-managers and sailors set goals and structurally train to become better sailors.

EX1435	Access card: Dinghycoach Optimist technique video

DinghyCoach Pim Stumpel shares his knowledge in more than 60 minutes of videos where you learn everything about tacking, gybing, starting and all other sailing skills. This video giftcard contains a unique code, which can be activated online. DinghyCoach updates the online videos in case new techniques are discovered!

EX1438	The secrets of Opti coaching

Attila Hodacs reveals 20 years of his coaching experience in this 85 page book. Includes phases of development, how to lead sailors to international level racing, setting up training sessions, how to improve boathandling, strategy and how to minimize mistakes. A must have for every trainer, coach and interested parent.

EX1439	The Optimist Dinghy 1947-2007

A provisional history of the first sixty years of the International Optimist dinghy. Written by Robert Wilkes and Clifford McKay Jr



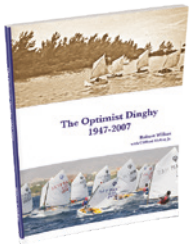
EX1434



EX1435



EX1438



EX1439

GIFT ITEMS AND ACCESSORIES

EX1471	Optimist scale model

Affordable Optimist model, scale 1:15. Complete with spars, sail, foils and 3 buoyancy bags. 16 cm long hull with wooden stand.

EX1472	Optimist mini sail

Optimist mini sail, scale 1:6, 47 cm high. Made of real Dacron with window, sailbattens and class logo. Reinforced corners with eyelets.

EX1475	Opti key ring, blue
EX1476	Opti key ring, green
EX1477	Opti key ring, red

Flexible rubber key ring with Opti class logo. 8 cm high

EX1480	Mast rake measuring tape

It has never been so easy to measure your Optimist mast rake before your training or regatta. Place the special hook in the top-aft of the mast and measure the distance to the edge of the deck.

EX1436	Optimist Happy Family card game. 24 pcs in display box.
EX1436-1	Optimist Happy Family card game.

The Optimist Happy Family card game consists of Optimist parts and facts about sailing. The game has 55 playing cards grouped in 13 families of 4, a rule card and 2 extra cards. An educational game for sailors of all ages.



EX1436-1



EX1436



EX1475 EX1476 EX1477



EX1480



EX1472



EX1471

ROWING SEAT

EX1230	Polyester rowing seat
EX1232	Aluminium rowing oar set
EX1233	Rowing lock set
EX1234	Rowing lock base set

Polyester rowing seat for IOD'95 and non IOD Optimists. This seat consists of 2 separate sections which lock together in the daggerboard case. Due to this unique construction the seat can be easily stored or transported. Comes without rowing locks. Also available a set of 1.50 m long aluminium oars.



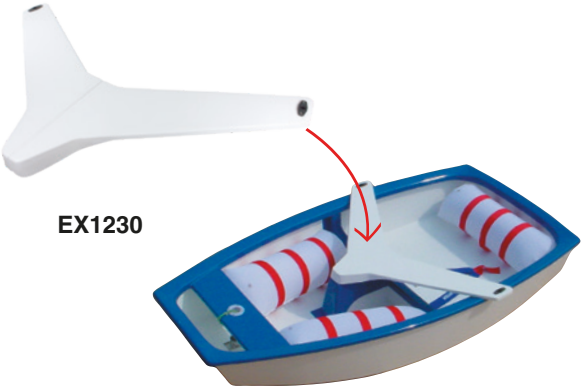
EX1232



EX1233



EX1234



EX1230

MINIREELS

EX1365	Heavy duty Dyneema scissors

Ideal to cut your lines for splicing.
Cuts Dyneema, Vectran, Spectra and Kevlar.

EX13661	4.0 mm stainless steel splicing needle
EX13662	5.5 mm stainless steel splicing needle

These Selma® splicing fids are perfect for splicing Dyneema®, Vectran® and other braided ropes. The inside diameters are 4.0 and 5.5 mm. The 4.0 mm version is ideal to splice 3 to 4 mm lines. The 5.5 mm is meant for 5 to 6 mm.

EX1366	3 mm pure Vectran minireel 16 meter (52 ft)
EX13663	3 mm pure Dyneema SK78 minireel 16 meter (52 ft), dark grey
EX13664	4 mm pure Dyneema SK78 minireel 12 meter (39 ft), dark grey
EX13665	5 mm pure Dyneema SK78 minireel 9 meter (29 ft), dark grey
EX1367	1.2 mm Vectran minireel 15 meter (49 ft). Used as lacing lines
EX13672	2.2 mm Vectran minireel 8 meter (26 ft). Used as corner ties
EX1368	3 mm Vectran minireel 16 meter (52 ft) Used as corner ties and bridle
EX1369	4 mm Vectran minireel 12 meter (39 ft) Used as sprit lift cleat line

DB-RACING MAINSHEETS

EX2061Y	6 mm DB-Racing sheet line yellow 200 m reel (656 ft)
EX2060RD	7 mm DB-Racing sheet line red 200 m reel (656 ft)

Non-tangling double braided sheet lines with a light high stretch multi-filament polypropylene core and a braided polyester cover which leaves the outer to be the load bearer.

DB-RACING CONTROL LINES

EX7544Y	4 mm DB-Racing control line 200 m reel. Yellow
EX7544RD	4 mm DB-Racing control line 200 m reel. Red
EX7544G	4 mm DB-Racing control line 200 m reel. Grey
EX7544BL	4 mm DB-Racing control line 200 m reel. Blue

High performance control lines with 12 plait Dyneema® SK78 core and Technora / polyester cover. A combination which ensures ultimate durability and grip.


EX1365


EX13661


EX13662


EX1366


EX13663


EX13664


EX13665


EX1367


EX13672


EX1368

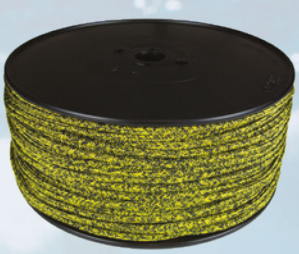

EX1369


EX7544Y


EX7544RD


EX7544G


EX7544BL


EX2061Y


EX2060RD

DB-RACING

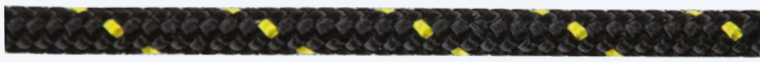


EX7523	3 mm shockcord, 100 m (328 ft)
EX7524	4 mm shockcord, 100 m (328 ft)
EX7525	5 mm shockcord, 100 m (328 ft)
EX7526	6 mm shockcord, 100 m (328 ft)

100 meter black shockcord on reel
Available in 4 sizes from 3 mm up to 6 mm
Pure latex core and polyester cover







400 meter black/yellow vectran on reel
Available in 4 sizes from 1.2 mm up to 4 mm
Vectran core and HT polyester cover

EX7501	1.2 mm vectran, 400 m (1312 ft)
EX7502	2.2 mm vectran, 400 m (1312 ft)
EX7503	3 mm vectran, 400 m (1312 ft)
EX7504	4 mm vectran, 400 m (1312 ft)



EX7511	1.5 mm trimline, 200 m (656 ft)
EX7512	2 mm trimline, 200 m (656 ft)
EX7513	3 mm trimline, 200 m (656 ft)

200 meter black trimline on reel
Available in 3 sizes from 1.5 mm up to 3 mm
Polyester core and polyester cover







200 meter blue/yellow trimline on reel
Available in 3 sizes from 4 mm up to 6 mm
Polyester core and polyester cover

EX7514	4 mm trimline, 200 m (656 ft)
EX7515	5 mm trimline, 200 m (656 ft)
EX7516	6 mm trimline, 200 m (656 ft)



500 meter blue/purple sheetline
Available size: 8 mm
HT braid polypropylene core
UV threated polypropylene cover

EX7580	8 mm sheetline, 500m (1640 ft)







500 meter painter line on reel
Available size: 5.5 mm
Double braid polypropylene core
UV threated polypropylene cover

EX7555	5.5 mm line, 500m (1640 ft)



EX7573	3 mm Dyneema, 200m (656 ft)
EX7574	4 mm Dyneema, 200m (656 ft)
EX7575	5 mm Dyneema, 200m (656 ft)
EX7576	6 mm Dyneema, 200m (656 ft)

200 meter pure Dyneema SK78 on reel
Available in 4 sizes from 3 mm up to 6 mm
12 plait with Dyneema SK78
With PU treatment



TILLERS FOR LASER®

652112	120 cm 20 mm X-gripped tiller extension

Supplied with 100 cm x-grip

652900	Deluxe tiller for Laser®
652910	Deluxe tiller for Laser® including extension 652310
652930	Standard tiller for Laser®

The well-known 32 mm aluminium tiller with Larry Marks end casting. The tiller is available in a deluxe black anodized version and a standard silver anodized version. The deluxe version comes with anti-chafe plate and aluminium Clamcleat.





CARBON T800 PRO TILLER FOR LASER® OR ILCA®

Windesign has developed a new high-end extremely stiff racing tiller made of T800 carbon which fits perfect on your Laser® or ILCA®. We are using different wall thicknesses on the inside of the tiller to achieve an ultimate stiffness/weight ratio, we have used the best, stiffest and lightest carbon fibres available, made a recess on top for the stainless steel wear plate and designed two different tiller end castings to achieve the lowest traveler settings for both. This combination of features creates an amazing light feeling when steering the boat. The design went through all different kinds of tests and is believed to be the stiffest, strongest and most lightweight on the market right now! Glossy finish, fitted with aluminium Clamcleat, only 13,5 mm thick and 26,7 mm wide, a total weight of only 335 gram and supplied with releasable joint to attach your existing tiller extension.

- Designed to be ultimate low under the traveler
- Made of high-end extreme stiff T800 carbon fibres
- Smart design to be a lightweight tiller

652800	Carbon T800 PRO tiller for ILCA®
652801	Carbon T800 PRO tiller for Laser®

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16MM STANDARD TILLER EXTENSIONS

652406	60 cm standard tiller extension
652407	70 cm standard tiller extension
652408	80 cm standard tiller extension
652409	90 cm standard tiller extension
652410	100 cm standard tiller extension
652411	110 cm standard tiller extension
652412	120 cm standard tiller extension



The standard tiller extension is made of silver anodized 16 mm aluminium tube fitted with a fixed rubber swivel joint and a golf grip handle.

16MM DELUXE TILLER EXTENSIONS

652306	60 cm deluxe tiller extension
652307	70 cm deluxe tiller extension
652308	80 cm deluxe tiller extension
652309	90 cm deluxe tiller extension
652310	100 cm deluxe tiller extension
652311	110 cm deluxe tiller extension
652312	120 cm deluxe tiller extension



The deluxe tiller extension is made of black anodized 16 mm aluminium tube fitted with a releasable joint and EVA foam grip.

20MM ALUMINIUM X-GRIPPED TILLER EXTENSIONS

652006	60 cm aluminium X-gripped tiller extension
652007	70 cm aluminium X-gripped tiller extension
652008	80 cm aluminium X-gripped tiller extension
652009	90 cm aluminium X-gripped tiller extension
652010	100 cm aluminium X-gripped tiller extension
652011	110 cm aluminium X-gripped tiller extension
652012	120 cm aluminium X-gripped tiller extension



The aluminium X-gripped tiller extension is made of a black anodized 20 mm aluminium tube fitted with X-gripped heat shrinkable tubing. These tiller extensions are supplied with a releasable rubber joint with rope core.

16MM CARBON TILLER EXTENSIONS

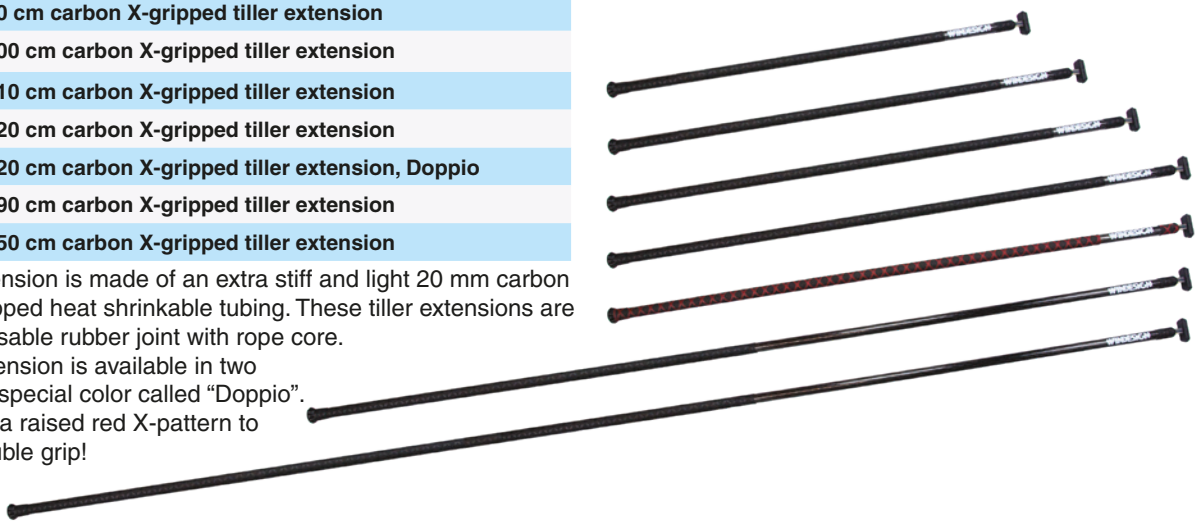
652206	60 cm carbon tiller extension
652207	70 cm carbon tiller extension
652208	80 cm carbon tiller extension
652209	90 cm carbon tiller extension



The carbon tiller extension is made of a 16 mm braided carbon tube fitted with a releasable joint and EVA foam grip.

20MM CARBON X-GRIPPED TILLER EXTENSIONS

652109	90 cm carbon X-gripped tiller extension
652110	100 cm carbon X-gripped tiller extension
652111	110 cm carbon X-gripped tiller extension
652112	120 cm carbon X-gripped tiller extension
652112BKRD	120 cm carbon X-gripped tiller extension, Doppio
652119	190 cm carbon X-gripped tiller extension
652125	250 cm carbon X-gripped tiller extension



The carbon tiller extension is made of an extra stiff and light 20 mm carbon tube fitted with X-gripped heat shrinkable tubing. These tiller extensions are supplied with a releasable rubber joint with rope core.
The 120 cm tiller extension is available in two different colors. One special color called “Doppio”. It is a black grip with a raised red X-pattern to create extra grip; double grip!

TILLER ACCESSORIES

652960	16mm golf club grip as used on standard tiller extensions
652961	16mm eva foam grip as used on deluxe tiller extensions
652963	16mm eva foam grip, multicolored
652964Y	20mm hi-tech X-grip heat shrinkable 100 cm long, yellow
652964GR	20mm hi-tech X-grip heat shrinkable 100 cm long, green
652964BL	20mm hi-tech X-grip heat shrinkable 100 cm long, blue
652964RD	20mm hi-tech X-grip heat shrinkable 100 cm long, red
652964BK	20mm hi-tech X-grip heat shrinkable 100 cm long, black
652964BK-RD	20mm hi-tech X-grip heat shrinkable 100 cm long, Doppio

X-gripped heat shrinkable tubing. Available in six different colors. One special color called “Doppio”. It is a black grip with raised red X-pattern to create extra grip; double grip! Slide the grip over the extension and shrink it with a heat gun.

652965	Clip for 16 mm extensions
652966	Rubber replacement end knob for 20 mm extensions
652998	Saddle for mounting all extensions on 25 to 32 mm tubes
652944	Joint without rope core
652948	Joint with rope core, fixed base
652950	Joint with rope core, releasable base with pin and tubing

The rope core will avoid complete failure should the rubber tear. Mounted with pin which is kept in place by a piece of heat shrinkable tubing.
The distance between the mounting hole centers of all joints is 32 mm.

FOILS FOR LASER®

EX2051	Gudgeon for Laser®
EX2052	Heavy duty 10 mm pivot bolt*
EX2053	Rudderhead for Laser®*

The rudderhead is silver anodized and can be used with the rudderblade and tillers below.

EX2054	Rudderblade for Laser®*
EX2055	Daggerboard for Laser®*

Wood core with fiberglass laminate and white gelcoat. These foils are not allowed for racing but are perfect for replacing the original foils which came with your boat.

EX20551	Daggerboard stopper set for Laser®
EX2056	Rudder retaining clip
EX2057	Tiller retaining pin

** not allowed for use in official Class Association events*


652960
652961
652963
652964Y
652964GR
652964BL
652964RD
652964BK
652964BK-RD


652944


652948


652950


652965


652966


652998


EX2052


EX2056


EX2053


EX2054


EX2055


EX2051


EX2057


EX20551

DB-RACING MAINSHEET FOR LASER®

EX2058Y	6 mm sheet for Laser®, length 13.5 m (44 ft). Yellow
EX2058RD	7 mm sheet for Laser®, length 13.5 m (44 ft). Red

Non-tangling double braided mainsheets with a light high stretch multi-filament polypropylene core and a braided polyester cover which leaves the outer to be the load bearer.



EX2058Y



EX2058RD

BAILER AND DRAIN PLUG FOR LASER®

EX2070	Auto bailer for Laser®*
EX2072	Bailer replacement kit*

Replacement kit consist: two O-rings, a chute and a cockpit plug

EX2074-10	Replacement O-rings. Set of 10*
EX2075	Stainless steel bailer springs*
EX2076	Cockpit plug*
EX2080	Drain plug assembly
EX2081	Drain plug only
EX2084	Brass cockpit drainbush set



EX2070

PADDED HIKING STRAP FOR LASER®

EX2000	Padded hiking strap
EX2000P	Padded hiking strap PRO

Wide 10 cm padded hiking straps, 86 cm long with a loop on the aft and open on the front. The pro version is extra stiff with hard foam inside and rubber grip underneath.

EX2002	Mounting plate
EX2003	Strap eye for hiking strap and mainsheet block

Stainless steel strap eye to mount your hiking strap in the aft end of the Laser® cockpit and to attach the mainsheet block to. Hole distance 30 mm.

EX2004	Daggerboard friction plate
EX2165	Hiking strap adjuster cleat with DB-Racing line

Recent rule changes allows the use of this Clamcleat to make a hiking strap adjustment system.



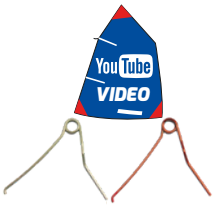
EX2074-10



EX2072



EX2076



EX2075



EX2080



EX2081

GRAB RAIL FOR LASER®

EX2166	Grab rail for Laser®

This grey hard plastic grab rail should be mounted on both sides of the Laser cockpit. Provides a hand hold while tacking or getting back in the boat after a capsize. Also works with other dinghies.

** not allowed for use in official Class Association events*



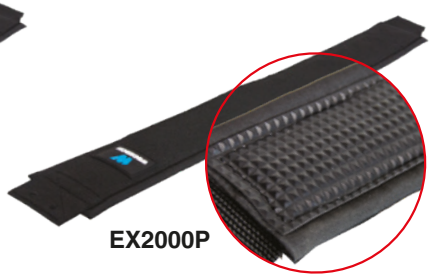
EX2165



EX2084



EX2000



EX2000P



EX2002



EX2003



EX2004



EX2166

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SPAR AND HULL FITTINGS FOR LASER®

EX2160	PTFE mast disk. Set of 3

Drop this disk into the mast hole. It absorbs grit and creates less friction between the bottom of the mast and the maststep.

EX2120	Bottom mast plug
EX2122	Bottom plug top mast
EX2124	Top plug upper mast and outer boom end plug
EX2126	Upper mast sleeve
EX2128	Boom inner end plug
EX2130	Gooseneck
EX2132	Vang mast attachment
EX2134	Vang boom attachment
EX2136	Silver anodized aluminium Clamcleat
EX2137	Hard anodized aluminium Clamcleat
EX2137B	Hard anodized aluminium Clamcleat + becket
EX2138	Plastic eyelet for outhaul and traveler
EX2138A	Aluminium eyelet for outhaul and traveler
EX2139	Bow eye
EX2140	Eyelet for mainsheet blocks
EX2141	Nut for mounting traveler eyelet
EX2142	Vang block
EX2144	Vang block with jam
EX2146	Vang key straight
EX2147	Vang key curved
EX2148	Vang swivel
EX2150	Mainsheet block
EX2152	Mainsheet block with sister clips
EX2154	Mainsheet block with becket
EX2156	Traveler block with sister clips
EX2157	Rope linked traveler block*

Traveler blocks for Laser®. Features a Dyneema rope link instead of the standard sister clips. Super lightweight and exceptionally strong.

EX1295	57 mm Harken carbo ratchet block
EX1299	57 mm ball bearing ratchet block*
EX2161	Shrink tube for traveler blocks. Set of 10*

Do not use sticky duck tape anymore but apply a piece of heat shrinkable tubing around the joints of the blocks. Best applied with a heat gun. Large enough to slide over the smallest block before shrinking. Blocks not included

EX2164	Soft eyestrap kit

This kit contains webbing and a rivet with washer to mount this soft eyestrap. Class rules let you replace the stainless steel lacing eyestrap in the middle of your boom with this soft strap.

EX2182	Ball bearing cam cleat, aluminium

Hard anodized and PTFE coated ball bearing cleat. Aluminium cleats wear significantly less than carbon composite (plastic) cleats.
Suitable for 5 - 12 mm lines. Hole distance 38 mm. 5 mm fixing screws.

* *not allowed for use in official Class Association events*



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UPGRADES FOR LASER®

EX2005	Clew strap
EX2007	Clew hook
EX2008	Clew hook with 20 mm ball bearing block

The ultimate clew tie down system for the Laser®. One end of the strap has the loop velcro on both sides. It then sandwiches between the hook velcro, providing so much contact area that the strap will not slip.
Can be used with a clew hook, with or without 20 mm ball bearing block, to create a quick, easy and reliable clew system.

EX2010	Clew sleeve with 16 mm Harken airblock*

The stainless steel sleeve will be fixed to the boom and does not have to be detached after sailing. The quickest system for fixing the clew.

EX2176	Cleat plate for cunningham and outhaul*
EX2178	Block plate with 20 mm ball bearing blocks*
EX2179	Block plate only*
EX2180	20 mm ball bearing block*
EX2181	20 mm ball bearing fork block*
EX2183	Small composite cam cleat*
EX2184	Fairlead for small composite cam cleat*
EX2185	Block plate with 29 mm Harken blocks*
EX2186	29 mm Harken block with bolt*

Upgrade the builders supplied control line blocks to 29 mm Harken blocks. The 29 mm Harken blocks can be bolted on the existing block plate and provide less friction for easier control.

** not allowed for use in official Class Association events*

EX1344	18 mm Harken ball bearing Fly-Soft block
EX1345	29 mm Harken ball bearing Ti-Lite block
EX2200	DB-Racing 6:1 cunningham for Laser® 4.7 / Radial
EX2204	DB-Racing 8:1 cunningham for Laser® MK2
EX2208	DB-Racing outhaul for Laser® 4.7
EX2212	DB-Racing outhaul for Laser® Radial / MK2

Spliced Dyneema® primary lines with 29 mm Harken Ti-Lite blocks. Comes with a 4 mm DB-Racing secondary control line, consists of a Dyneema® core and Technora / polyester cover for ultimate durability and grip. Cut at ideal length for direct use and the ability to add a loop- or braided handle.

EX2216	DB-Racing vang lines for Laser®

Spliced Dyneema® primary line with a loop on one end for easy attachment. Comes with a 4 mm DB-Racing secondary control line, consists of a Dyneema® core and Technora / polyester cover for ultimate durability and grip. Cut at ideal length for direct use.

EX2220	DB-Racing control line pack for Laser®

Complete pack of DB-Racing replacement control lines for outhaul, cunningham, vang and hiking strap adjuster line. Cut at ideal length for direct use and the ability to add a loop- or braided handle.

EX2225	Spliced mast loop for Laser®

Harken 29 mm Ti-Lite block spliced on a 4 mm Dyneema® line with loop. To use with the DB-Racing cunningham and outhaul. Attach below the vang assembly for cunningham use and attach above the gooseneck for outhaul use.


EX2005


EX2007


EX2008


EX2010


EX2176


EX2183


EX2184


EX2178


EX2185


EX2179


EX2181


EX2186


EX2180



EX1344


EX1345


EX2200


EX2204


EX2208


EX2212


EX2216


EX2220


EX2225

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EX2190	**Power pack for Laser®***

Complete pack with all necesarry cleats, blocks, lines and screws for cunningham and outhaul. Comes with 4 mm polyester secondary lines and Dyneema® primary lines.

EX2195	**Vang pack for Laser®***

Complete 15:1 vang pack with all necessary cleats, blocks and lines. Comes with a 4 mm polyester secondary line and a Dyneema® primary line.

EX2196	**Handle for vang, 30 cm**
EX2197	**Control line pack for Laser®**

Complete pack of control lines for outhaul, cunningham and vang. Comes with 4 mm polyester secondary lines and Dyneema® primary lines. Outhaul shockcord included.

EX2198	**Traveler line for Laser®**

6 mm Dyneema® traveler, pre-cut at 3.5 meter with a spliced loop on one end. This 12 plait Dyneema® SK78 ensures extremely good wear resistance characterictics, provides minimal water absorption, low stretch and ultimate tension on the traveler.

EX2199	**Daggerboard shockcord for Laser®**

This daggerboard bungee consists of a 6 mm shockcord with plastic snap hook and a line to loop through the daggerboard.

SAIL NUMBERS FOR LASER®

EX2033BK....	**Sail number, black, 30.5 cm**	**=order per piece=**
EX2033RD.....	**Sail number, red, 30.5 cm**	**=order per piece=**
EX2033BL....	**Sail number, blue, 30.5 cm**	**=order per piece=**

Specify the number, letter or nothing for digital, behind the part number

EX1421	**Red rhombus, 24 cm**

TRAINING SAILS FOR LASER® AND LASER® PICO

EX2023	**Compatible training sail for 4.7 Laser®***
EX2025	**Compatible training sail for Radial Laser®***
EX2030	**Compatible training sail for Standard Laser®***

4.7, Radial and MK2 compatible training sails for Laser®.
Supplied with sailbag and telltales. Sail battens are sold seperately.

EX2031	**Set of sail battens***

Sail battens for 4.7, Radial and MK1 (2x60 cm, 1x40 cm)

EX2031MK2	**Set of MK2 sail battens***

Sail battens for MK2 Laser® sail, (1x40 cm, 1x60 cm and 1x75 cm)

EX2035	**Compatible training sail for Laser® Pico. (Main + Jib)***

Sail for Laser® Pico. This sail consists of a mainsail and jib made out of 4 OZ blue Dacron sailcloth. The jib includes a 3 mm stainless steel forestay. Comes with a sailbag.

** not allowed for use in official Class Association events*



EX2190 EX2195





EX2196



EX2197 EX2199



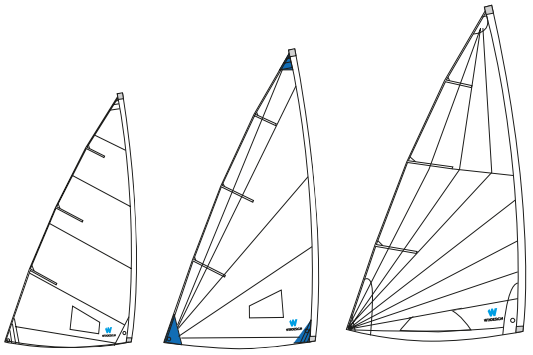
EX2198



EX2033BK EX2033RD EX2033BL



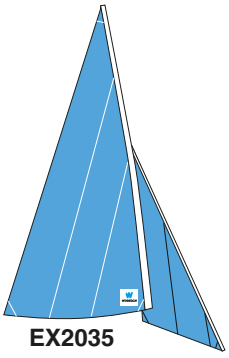
EX2033BK.. EX2033RD.. EX2033BL.. EX1421



EX2023 EX2025 EX2030



EX2031 EX2031MK2



EX2035

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FOIL BAG FOR LASER®

EX2050	Foil bag for Laser®

Heavily padded foil bag. Separate compartments for rudder, daggerboard, tiller and a large compartment for accessories. With carrying handle and adjustable and detachable strap.



EX2050

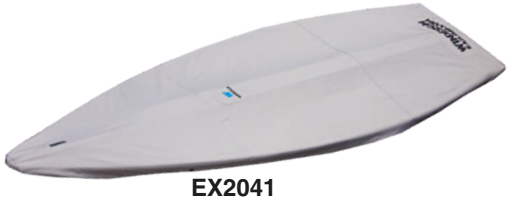
COVERS FOR LASER®

EX2040	Breathable top cover for Laser®
EX2041	Economy top cover for Laser®
EX2044	Economy bottom cover for Laser®

Our breathable cover is made of top quality, long-life Moistureguard 2000, a heavy duty 900D breathable polyester with a polyurethane membrane. Moistureguard reduces the risk of blisters. The economy top cover is made of strong and flexible solution dyed PVC coated polyester and the economy bottom cover is made of 600D PU coated polyester. Both top covers are slightly tented so that spars can be stored inside the boat and have wide skirts around the edge of the hull to provide good protection.
The bottom cover webbing loops are installed to be able to pull the cover tight around the hull during transport.



EX2040



EX2041



EX2044

BAGS FOR LASER®

EX2032	Sail bag for Laser®

280 cm long sail bag for 4.7, Radial or Standard sail.

EX2038	Rig travel bag for Laser®

Heavy duty bag from 600D polyester with 3 compartments for bottom mast, upper mast and boom. With zip closure, name tag pocket and adjustable and detachable carrying strap. Can be bundled with 2 straps to create a compact package. Sail can be stored rolled around the top mast.

EX2039	Top mast bag for Laser®

Heavy duty mast bag from 600D polyester. With zip closure, name tag and carrying handle. Ideal to protect your Laser® carbon top mast.



EX2032



EX2038



EX2039

REPLACEMENT SPARS FOR LASER®

EX2110	Bottom mast for 4.7 Laser®*
EX2112	Bottom mast for Radial Laser®*
EX2114	Bottom mast for Standard Laser®*
EX2116	Upper mast for 4.7, Radial and Standard Laser®*
EX2118	Boom for Laser®*

All spars for the Laser® come with blocks and fittings.

* *not allowed for use in official Class Association events*



EX2110



EX2112



EX2114



EX2116



EX2118

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WINDESIGN DINGHY TROLLEY COLLECTION

The lightweight dinghy trolleys from Windesign are designed to be the most functional available. With 3 different angle connectors and different middle sections we can create a trolley for almost every dinghy. Spring lock quick release system on all parts allows the trolleys to be disassembled in matter of seconds for storage and travel. The frame has welded joints and is anodized to prevent corrosion. These trolleys are supplied with 8 mm stainless steel push button wheel locks which are mounted inside the stainless steel axles. Supplied with the large Durastar-lite puncture proof wheels.

EX2014 **Trolley / dolly for Laser® Bug**

The hull rests on 2 side supports and a special Bug front support which locks under the gunwale. This provides a stable support for the Bug.
Side supports can be disassembled for easy transport.

EX2015 **Trolley / dolly for Laser®**

The bow locks into a horseshoe shaped padded support and the hull rests on 2 side supports which lock under the gunwale. This provides a stable support for the Laser®. It comes with a firm rubber V-support (EX2017) which protects and stabilizes the hull when launching.

EX2016 **Trolley / dolly for Laser® with 2-piece middle section**

Same design as our regular Laser® trolley (EX2015), but with 2-piece spring lock quick release middle section which allows you to disassemble the trolley in matter of seconds for storage and travel.

EX5010 **Trolley / dolly for Laser® Pico**

EX5011 **Trolley / dolly for RS Feva**

EX5030 **Trolley / dolly for Topper Topaz**

EX5031 **Trolley / dolly for Fusion**

EX5036 **Trolley / dolly for Europe**

EX5037 **Trolley / dolly for Zoom**

Lightweight aluminium dinghy trolleys. Spring locking quick release of all parts allows the trolley to be disassembled in a matter of seconds for storage and travel. The frame has welded joints and is anodized to prevent corrosion. These trolleys are supplied with 8 mm stainless steel push button wheel locks which are mounted inside the stainless steel axles. Supplied with the large Durastar-lite puncture proof wheels, V-supports, side supports and heavy duty 90 mm wide polyester webbing belt.

EX5040 **Trolley / dolly for Topper**

The bow locks into a angle shaped padded support and the hull rests between 2 side supports. This provides a stable support for the Topper hull.

EX2015P **Complete side support**

Side support for the Laser® trolley / dolly, can be used to replace old design supports.

EX2017 **Trolley / dolly V-support**

V-support which can be used on all trolleys. Makes it easy to launch the boat without damaging the hull. Supplied with mounting hardware.
Can be used on existing trolleys.



EX2015P



EX2017



EX2014



EX2015



EX2016



EX5010



EX5011



EX5030



EX5031



EX5036

NEW



EX5037



EX5040

PROTECTION PACK FOR LASER®

EX2001	Protection pack for Laser®

Complete protection pack for maststep, mast, tiller, outhaul and daggerboard. Contains two disks for the maststep, two strips for the maststep and mast deck, two strips for snug fit of the upper mast, one strip for the deck abrasion from the tiller, one strip to prevent the outhaul and five squares for the daggerboard.





EX2001



HIKING BENCH FOR LASER®

EX2018	Hiking bench for Laser® and other dinghy sailors

Fully detachable hiking bench. With adjustable hiking strap and two padded supports. Perfect for that extra training session. Convenient portable and quick to assemble due to the quick link detachable joint design. Super strong and weighs just 5.7 kg.





EX2018

WIND INDICATORS

EX1243	Wind indicator Windesign PRO, red
EX1243-10	Wind indicator Windesign PRO, red. Set of 10
EX1243V-10	Vane only, red. Set of 10
EX1243BL	Wind indicator Windesign PRO, blue
EX1243BL-10	Wind indicator Windesign PRO, blue Set of 10
EX1243VBL-10	Vane only, blue. Set of 10
EX2021	Wind indicator MK2 Windesign PRO, red
EX2021BL	Wind indicator MK2 Windesign PRO, blue

The Windesign wind indicator has a strong vane arm which is accurately balanced and performs amazing sensitive. The vane arm is attached to the needle with a positive locking system which prevents loosing the vane arm.

EX2022	Vane float

The personalizable 80 mm long vane float prevents loosing your wind indicator. The wind indicator will float when it comes in the water.

EX3044	Original 10” Hawk wind indicator

The original 27 cm (10”) Hawk wind indicator. Lightweight with a balanced arm and the Hawk “V” jewel bearing surface. Weight: 25 grams



EX2021



EX1243



EX2021BL



EX1243BL



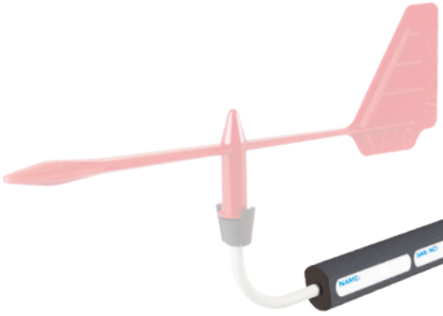
EX3044



EX1243V-10



EX1243VBL-10





EX2022

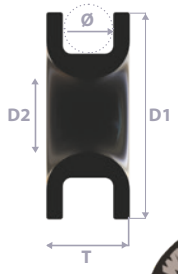
Some products on this page are compatible with Laser® but are not original Laser® products. Laser® is a registered trademark of Velum Limited and Performance Sailcraft Australia Ltd.

LOW FRICTION RINGS

EX3001	19 mm low friction ring
EX3002	25 mm low friction ring
EX3003	38 mm low friction ring

The lightweight alternative to a block, with no moving parts this is an extremely low maintainance item. Hard anodized with PTFE coating to provide the smoothest wear resistant surface possible. These low friction rings can be used in various applications: EX3001 as lead ring for control lines, EX3002 as Optimist halyard block and EX3003 as Optimist mainsheet block.

MODEL	D1	D2	Ø	T	WEIGHT
Ø19	19	7	4,5	8,5	3,5 g
Ø25	25	9	6	10	6 g
Ø38	38	15	9	13	15,5





EX3001 EX3002 EX3003

WINDESIGN ACCESSORIES

EX3005	6 mm stopper ball

Black stopper ball, suitable for lines up to 6 mm. Can be used in various applications. Outside diameter 22 mm.

EX3008	Clinometer

Affordable black plastic clinometer with self-adhesive backing for easy fitting. An accurate ball gauge shows the boat angle up to 45 degrees. Size: 90 x 40 mm

EX3010	Digital regatta timer
EX3012	Timer mounting bracket

A water resistant timer with rigid casting and 3M velcro fixing.
Quick set / reset and synchronize function.
Beeps every 10 seconds during the last minute. Size: 90 x 76 x 23 mm

EX1447S	Load straps 5 meter. Set of two
EX1447	Load straps 6 meter. Set of two

Set of two load straps with protection behind the buckle. Cam-action buckle and high quality 25 mm wide PP webbing. The 5 meter strap is ideal for securing Optimists and the 6 meter strap is suitable for most other dinghies.

EX4200	Buoyancy bag

Specially designed for Moth, but can be used for serveral other classes. These bags are made of polyurethane coated nylon and are about half the weight and significantly stronger than bags made of PVC or PVC coated nylon. Size: 106 x 20 cm inflated, 110 x 25 cm deflated

EX2600	Mast float

This mast float significantly reduces the risk of inversion. A very neat design of 2 inflatable tubes connected with a piece of sailcloth.
The sailcloth can be folded around the luff rope and hoisted with the sail.
Please note this product is meant for small dinghies only and does not guarantee 100% protection against inversion. Using it is for own responsibility. Length 80 cm. 8 liter.



EX3005

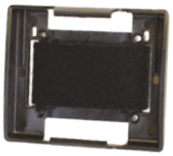


EX3008



EX3010





EX3012

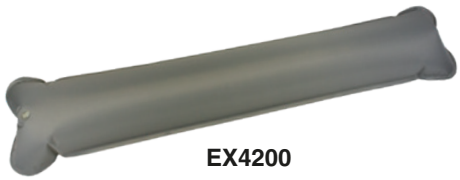




EX1447S



EX1447



EX4200



EX2600

COVERS FOR 420

EX2046	420 top cover

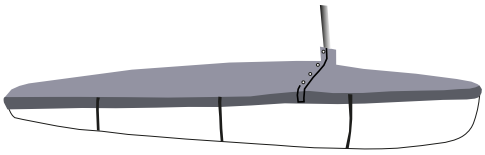
A heavy duty, long lasting 1680D polyester / PVC cover. 100% water resistant. 3 straps with adjustable buckles go underneath the hull and hold the cover tight.

EX2048	420 bottom cover

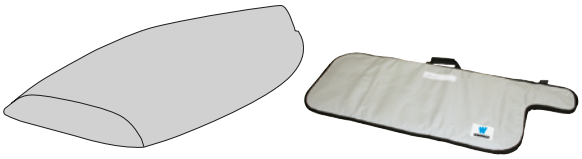
A strong, flexible, 600D polyester PU coated cover.

EX3025	Padded 420 mast cover
EX3026	Padded 420 boom cover
EX3027	Padded 420 rudder cover
EX3028	Padded 420 daggerboard cover

Fully padded 420 covers. The mast cover is tapered towards the top with reinforced openings for hounds and spreaders. Velcro closure runs from hounds to heel for quick and easy packing. With red safety flag. 600D polyester PVC with 5 mm closed cell foam and tarpaulin lining. The boom cover has a 120 cm long zip for easy access.



EX2046



EX2048 EX3028



EX3025

EX3027



EX3026

420 TRAINING SAILS AND ACCESSORIES

EX3035	420 Jib
EX3036	420 Mainsail
EX3037	420 Spinnaker
EX3038	420 Mainsail + Jib (set)

Main and jib are made of 4.18 Challenge performance Dacron, including sail battens, class logo and telltales. 7 panel main and 6 panel jib. 7 panel spinnaker made of 0.75 oz Challenge cloth.

EX3040	Untapered 420 spinnaker pole with Seldén pole ends
EX3042	Tapered 420 spinnaker pole with Seldén pole ends

Line and lacing eye are not mounted so you can assemble it according your own specifications.

EX3043	25 mm spinnaker pole end
EX3045	Two part trapeze handle

This handle can be assembled around existing trapeze wires.

EX3046	420 rudderblade
EX3047	420 centerboard

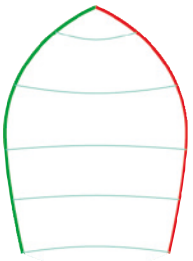
18 mm GRP 420 foils with foam core and white gelcoat finish.

EX3055	Clamcleat CL253 Trapeze and Vang cleat for 4-8 mm lines
EX3030	Sail faster 420 DVD

Learn how to go faster on your 420 with the help of World Champions. Here you can see some amazing and never seen action footage of 420 sailing in Lagos, Portugal. Shot with an articulated steady-cam, underwater cam and an inside boat camera for you to see all the secrets. Featuring several World Champions of the past years.



EX3036



EX3037 EX3035



EX3040

EX3042



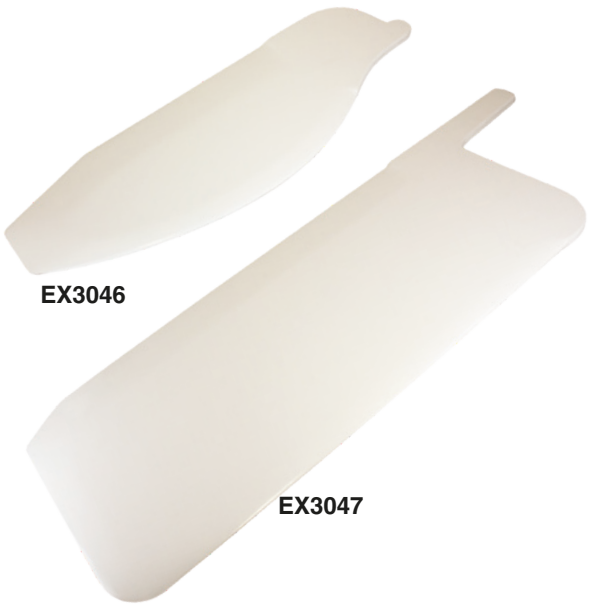
EX3043



EX3055



EX3045



EX3046

EX3047



EX3030



NEW



EX2652



EX2650



EX2651

MAGNETIC DINGHY / OPTIMIST SETS

Ideal for accurately depicting races, enforcing and teaching the racing rules, as well as for protests. They help coaches to explain manoeuvres, trim, wind and tactics. For sailing clubs, committees, sailors and coaches. Available in two different shapes Dinghy and Optimist, the Dinghy boat length is 10 cm and the Optimist boats are just 5 cm long. All three packs come in a handy zip lock bag.

- The full Dinghy set contains 3 numbered yellow sailboats, 3 numbered red sailboats, 3 numbered green sailboats, 3 black coach boats, one wind arrow, one current arrow and four numbered racing marks.
- The travel Dinghy set contains 1 yellow sailboat, 1 red sailboat, 1 green sailboat, 1 black coach boat, one wind arrow, one current arrow and four numbered racing marks.
- The Optimist travel set contains 1 yellow Optimist, 1 red Optimist, 1 green Optimist, 1 black coach boats, one wind arrow, one current arrow and four numbered racing marks.

EX2650	**Magnetic protest kit Dinghy - full set**
EX2651	**Magnetic protest kit Dinghy - travel set**
EX2652	**Magnetic protest kit Optimist - travel set**

PIN, RING, SHACKLE AND RIVET COLLECTION*

PART NO.	Description / Length / Set of	Hole Ø	Max Grip
EX2680-10	(1) Pop rivet, 10,3 mm, open. Set of 10	3,2 mm	7,1 mm
EX2682-10	(2) Pop rivet, 9,5 mm, open. Set of 10	4 mm	5,8 mm
EX2684-10	(3) Pop rivet, 10 mm, open. Set of 10	4,8 mm	5,8 mm
EX2686-10	(4) Pop rivet, 16,5 mm, open. Set of 10	4,8 mm	12,5 mm
EX2688-10	(5) Pop rivet, 12,5 mm, open. Set of 10	6,4 mm	7,6 mm
EX2690-10	(6) Pop rivet, 13 mm, closed. Set of 10	3,2 mm	7,9 mm
EX2692-10	(7) Pop rivet, 10,2 mm, closed. Set of 10	4 mm	4,8 mm

Monel rivets with mandrel made of galvanized steel. Monel is a nickel-copper alloy with high tensile strength, which is very resistant to atmospheric corrosion and sea water. We supply open and closed type Monel rivets. Closed rivets provide an airtight seal.

EX2712-10	Clevis pin 4 x 14 mm. Set of 10
EX2714-10	Clevis pin 4 x 19 mm. Set of 10
EX2722-10	Clevis pin 5 x 18 mm. Set of 10
EX2724-10	Clevis pin 5 x 21 mm. Set of 10
EX2730-10	Safety ring 1.0 x 11 mm. Set of 10
EX2732-10	Safety ring 1.2 x 15 mm. Set of 10
EX2734-10	Safety ring 1.5 x 19 mm. Set of 10
EX2736-10	Safety ring 2.0 x 25 mm. Set of 10
EX2744-10	Flat shackle 4 mm. Set of 10
EX2745-10	Flat shackle 5 mm. Set of 10
EX2754-10	D-shackle 4 mm. Set of 10
EX2755-10	D-shackle 5 mm. Set of 10
EX2780	Shackle key

Suitable to screw pin and slotted head shackles. 8, 10, 13 mm open end spanner and bottle opener. The shackle key is 10 cm long.

** All pins, rings, shackles and rivets are supplied in a blister packaging.*




EX2712-10 EX2714-10 EX2722-10 EX2724-10


EX2730-10 EX2732-10 EX2734-10 EX2736-10


EX2744-10 EX2745-10 EX2754-10 EX2755-10


EX2780



EX2665

COACH GEAR

EX2589	Water bottle, 750 ml
EX2665	Waterproof notebook, 10 x 15 cm, 100 squared pages

A must-have for all coaches and outdoor people. All-weather notebook with top spiral binding. Your text does not disappear, even when wet.

EX2655	Training and regatta mark 180 x 18 CM
EX2655B	Replacement bladder for training mark

This highly visible yellow training mark is designed to last long. The mark consists of 3 separate parts: a solid outer, an inflatable inner bladder and a ballast bag. The mark can be used anchored or as drifting mark. At the bottom you will find a big handle where you can easily fasten the mooring line.

EX2660	Pyramid racing mark 140 x 140 x 120 CM

Constructed from high quality 0,9 mm thick durable PVC coated polyester tarpaulin. The bright color and the size of the mark will help sailors see the mark from a great distance. At the bottom you will find 4 stainless steel D-rings to attach a mooring line. The three sides without artwork can be used for advertising or sponsoring.



EX2660



EX2589



EX2655


EX2655B

MIRA SERIES

TECHNICAL SPECS

Our MIRA SERIES are designed with the highest quality fabrics to provide high end waterproofness, durability and flexibility. Comfortable dinghy sailing gear for junior and adult.

NEO-SKIN

NEO-SKIN fabric is a 3-layer combination of a nylon water repellent outer, a lightweight stretch mid and a soft nylon inside layer.

W-FLEX

W-FLEX stands for our neoprene flexibility. The combination of high quality neoprene and the production technique offers the flexibility that every sailor is looking for.

POLAR

POLAR is a soft fleece fabric which offers the best comfort and warmth to your skin.

RIPSTOP

Our buoyancy aids features a lightweight ripstop outer layer. The thicker thread which is used in the ripstop weaving technique ensures more durability.

UV 50+ SKIN

Protect yourself against the sun with our UV50+SKIN products. The UV50+ fabric provides maximum sun protection.

MIRA COMFORT HARNESS

Our Comfort Hiking Trapeze Harness provides full back support, has a PVC coated 600D polyester shell and heavy duty rear. Unique in adjustability and comfort.

STRETCH-SKIN

Our gloves features a comfortable stretch-skin fabric. This stretch-skin fabric gives you the flexibility and comfort that you need.

MESH##LINING

Mesh lining is used in our Breathable & Waterproof spraytop to keep you warm and comfortable. Developed to avoid sticky sweat feelings and to make changing clothes easier. Keeps you dry and ready to race!

W/P MVP

A thin, flexible, extremely breathable (MVP 10.000 g/m2/24hr) and waterproof (W/P 10.000 mm) 75D Twill Polyester Pongee + PU coated fabric which makes our spraytop the ultimate spraytop in all weather conditions.

KIDS SIZES

ADULT SIZES

HEADWEAR



CLOTHING



FOOTWEAR



ACCESSORIES



3MM NEO-SKIN LONG JOHN / LONG JANE

UNISEX



MIRA SERIES

NEO-SKIN

W-FLEX MIRA SERIES

EX2524J....	Neo-Skin Long Jane Junior (JS,JM,JL,JXL)
EX2525J....	Neo-Skin Long John Junior (JS,JM,JL,JXL)
EX2525....	Neo-Skin Long John Adult (S,M,L,XL)

FEATURES

- 3 mm Neo-Skin fabric
- Velcro shoulder strap
- Horizontal pee zipper (long john)
- W-Flex technology
- Flatlock stitching
- Reinforced in knees and seat
- High quality stitched leg seals

SIZE	JS	JM	JL	JXL	S	M	L	XL
HEIGHT CM	128-136	137-145	146-154	155-162	163-170	171-178	179-186	187-190
WAIST CM	57-60	61-64	65-68	69-73	74-79	80-86	87-94	95-102
CHEST CM	64-69	70-75	76-82	83-89	90-96	97-103	104-111	112-119

2.5MM NEO-SKIN TOP

UNISEX





POLAR
NEO-SKIN
W-FLEX MIRA SERIES

MIRA SERIES

FEATURES

- 2.5 mm Neo-Skin fabric
- Polar inner lining
- Soft smouth neoprene waist
- Soft touch glideskin neck
- W-Flex technology
- Flatlock stitching
- High quality stitched wrist seals

EX2526J....	Neo-Skin Top Junior (JS,JM,JL,JXL)
EX2526....	Neo-Skin Top Adult (S,M,L,XL)

SIZE	JS	JM	JL	JXL	S	M	L	XL
HEIGHT CM	128-136	137-145	146-154	155-162	163-170	171-178	179-186	187-190
WAIST CM	57-60	61-64	65-68	69-73	74-79	80-86	87-94	95-102
CHEST CM	64-69	70-75	76-82	83-89	90-96	97-103	104-111	112-119

NEO-RASH SHORTS
UNISEX



NEO-SKIN / VELCRO &
ADJUSTABLE WAIST FASTENING



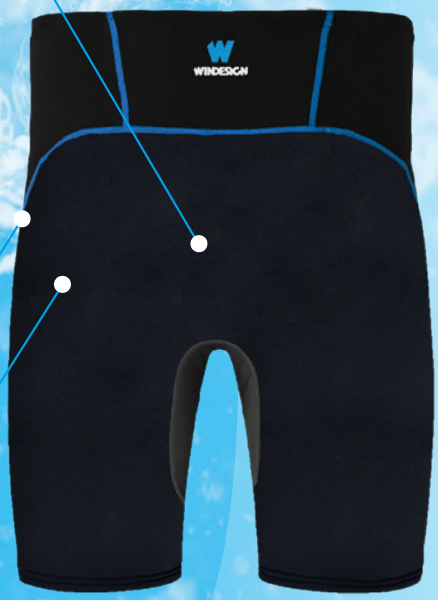
FLEXIBLE LYCRA



UV50 + PROTECTION

NEO-SKIN / REINFORCED SEAT





FLATLOCK STITCHING

1.5 MM NEO-SKIN FABRIC

MIRA SERIES
NEO-SKIN
WFLEX MIRA SERIES
UV50+ SKIN

FEATURES

- Back panel: 1.5 mm Neo-skin fabric
- Front panel: Flexible lycra
- Reinforced in seat
- Adjustable waist band
- Japanese Velcro
- Flatlock stitching
- UV50+ protection
- Snugfit

MIRA SERIES

EX2565J....	**Neo-rash shorts Junior (JS/JM, JL/JXL)**
EX2565....	**Neo-rash shorts Adult (S,M,L,XL)**

SIZE	JS/JM	JL/JXL	S	M	L	XL
HEIGHT CM	128-145	146-162	163-170	171-178	179-186	187-190
WAIST CM	57-64	65-73	74-79	80-86	87-94	95-102

KIDS HIKING PANTS
KIDS UNISEX



MIRA SERIES

FEATURES
- Durable 1680D polyester
- Stiff polyester battens
- Velcro closures on legs and waist
- Elastic sections to increase comfort

EX2500.... Hiking pants (JS,JM,JL)

SIZE	JS	JM	JL
WAIST CM	53-67	60-67	69-86
WAIST INCH	20-26	24-30	27-34
YEARS	9-11	11-13	13-15

COMFORT HIKING TRAPEZE HARNESS
UNISEX



MIRA SERIES

MIRA COMFORT HARNESS

FEATURES
- Full back support
- Eight points spreader bar fixation
- Comfortable and adjustable leg straps
- Adjustable shoulder strap release system
- Neoprene covered stainless steel buckles
- PVC coated 600D polyester shell
- Stainless steel spreader bar
- Heavy duty rear

EX2560.... Trapeze harness (S,M,L,XL,XXL)

SIZE	S	M	L	XL	XXL
WAIST CM	71-76	76-81	81-86	86-92	92>
WAIST INCH	<30	30-32	32-34	34-36	36>

SHORT/LONG SLEEVE RASH TOP

UNISEX



EX2535



EX2540

MIRA SERIES

UV50+ SKIN

FEATURES

- UV50+ protection
- Flatlock stitching
- Snug fit

EX2535....	**Short sleeve Rash top (JS,JL,S,M,L)**
EX2540....	**Long sleeve Rash top (JS,JL,S,M,L)**

SIZE	JS	JL	S	M	L
HEIGHT CM	128-145	146-162	163-171	172-180	181-190
WAIST CM	57-64	65-73	74-82	83-91	92-102
CHEST CM	64-75	76-89	90-98	99-107	108-119

RIPSTOP SIDE ZIP BUOYANCY AID

UNISEX



MIRA SERIES

RIPSTOP

FEATURES

- Ripstop outer fabric
- Side zip entry (YKK)
- Double sided velcro waist closure
- Padded shoulders with reflection
- Self-draining front pocket
- Non-slip grip on the inside
- Junior sizes includes crotch strap
- EN ISO 12402-5 50N approved
- Not USCG approved

EX2521J....	**Ripstop side zip buoyancy aid Junior (JS,JM,JL)**
EX2521....	**Ripstop side zip buoyancy aid Adult (S,M,L,XL)**

	CM	KG	N
JS	75-80	30-40	35
JM	80-85	30-40	35
JL	85-90	35-45	35
S	90-95	40-60	40
M	95-105	60-70	45
L	105-115	70+	50
XL	115-125	70+	50

BREATHABLE & WATERPROOF SPRAYTOP

UNISEX



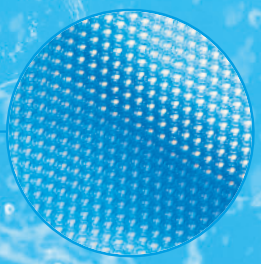
STRETCH PU SEAL & ADJUSTABLE NECK FASTENING

NEW

CHEST POCKET



VERTICAL ZIPPER



MESH INNER LINING





NEOPRENE WAIST BAND

VELCRO FASTENING

STRETCH PU SEAL & ADJUSTABLE CUFFS

MIRA SERIES

W/P MVP

MESH##LINING

FEATURES

- Extreme waterproof
- W/P 10.000 mm
- Extreme breathable
- 10.000 g/m2/24hr
- Very thin and lightweight fabric
- Mesh inner lining

EX2445J....	**Breathable spraytop Junior (JS,JM,JL,JXL)**
EX2445....	**Breathable spraytop Adult (S,M,L,XL)**

SIZE	JS	JM	JL	JXL	S	M	L	XL
HEIGHT CM	128-136	137-145	146-154	155-162	163-170	171-178	179-186	187-190
WAIST CM	57-60	61-64	65-68	69-73	74-79	80-86	87-94	95-102
CHEST CM	64-69	70-75	76-82	83-89	90-96	97-103	104-111	112-119

SHORT FINGER GLOVES
UNISEX



MIRA SERIES
UV50+ SKIN
STRETCH-SKIN

FEATURES
- Amara grip panel
- UV50+ Protection
- Comfortable knuckle panel
- Velcro secured wrist
- Comfortable stretch fabric
- Quick dry fabric
- Easy pull on strap

EX2550J....	Short Finger Gloves Junior (JS,JM,JL)
EX2550....	Short Finger Gloves Adult (S,M,L,XL)

SIZE	JS	JM	JL	S	M	L	XL
CIRCUMFERENCE HAND CM	14.5-15.5	15.5-16.5	16.5-17.5	17.5-19	19-21.5	21.5-23	23-24.5

KEVLAR® KNEEPADS
UNISEX



MIRA SERIES
NEO-SKIN
WFLEX MIRA SERIES

FEATURES
- Kevlar® protection
- Elastic adjustable straps
- Double secured Velcro fastening
- Flexible neoprene padding
- Ergonomical designed
- Flatlock stitching

EX2545J	Kevlar® Kneepads JUNIOR
EX2545SM	Kevlar® Kneepads S/M
EX2545LXL	Kevlar® Kneepads L/XL

2 MM NEOPRENE SOCKS
UNISEX



MIRA SERIES

NEO-SKIN

FEATURES
- 2 mm Neo-Skin fabric
- Flatlock stitching
- Pre-shaped
- Pull strap

EX2470.... **Neoprene Socks (S,M,L,XL)**

SIZE	S	M	L	XL
UK	1-3	4-6	7-9	10-12
EUROPE	32-35	36-39	40-44	45-48
USA MENS	1.5-3.5	4.5-6.5	7.5-9.5	10.5-12.5

5 MM NEOPRENE BOOTS
UNISEX



MIRA SERIES

NEO-SKIN

FEATURES
- 5 mm neoprene
- Durable non-slip sole
- High quality YKK zipper
- Zip protection flap
- Lightweight

EX2450.... **Neoprene sailing boots**

SIZE	J1	J2	J3	J4	J5	XS	S	M	L	XL	2XL	3XL
UK	1	2	3	4	5	6	7	8	9	10	11	12
EUROPE	32-33	34	35	36	37-38	39	40-41	42	43-44	45	46	47-48
USA MENS	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5

3 MM NEOPRENE SHOES
UNISEX



MIRA SERIES

NEO-SKIN

FEATURES
- 3 mm neoprene
- Flatlock stitching
- Double stabilized sole
- Adjustable pull string for snug fit

EX2460.... **Neoprene dinghy shoes**

SIZE	J1	J2	J3	J4	J5	XS	S	M	L	XL	2XL	3XL
UK	1	2	3	4	5	6	7	8	9	10	11	12
EUROPE	32-33	34	35	36	37-38	39	40-41	42	43-44	45	46	47-48
USA MENS	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5

SUN PROTECTION VISOR
UNISEX



FEATURES
- Plastic reinforced pre-curved peak
- Mesh fabric with tricot backing
- Minimal water absorption
- Adjustable hook/loop closure
- Comfortable 3-layer cotton sweatband

EX2581B	Sun protection visor, Black
EX2581C	Sun protection visor, Cyan

SUN PROTECTION CAP
UNISEX



FEATURES
- Plastic reinforced pre-curved peak
- Melange fabric
- Breathable mesh back panel
- Adjustable hook/loop closure

EX2580	Sun protection cap, Melange Grey

FLOATING KNITTED BEANIE
UNISEX



JUNIOR ADULT

FEATURES
- Floatable
- Comfortable and warm
- Adult size with roll-over

EX2582J	Floating knitted Junior beanie
EX2582	Floating knitted Adult beanie

2 MM NEOPRENE BEANIE
UNISEX



FEATURES
- 2 mm Neo-Skin fabric
- Comfortable and warm
- Capleash attachment strap

EX2584	Neoprene beanie

WEBBING CAPLEASH
LENGTH 30 CM



FEATURES
- Durable webbing
- Easy to use crocodile clips
- Overall length 30 cm

EX2596	Webbing capleash

FLOATING SUNGLASSES STRAP
LENGTH 38 CM



FEATURES
- Floatable
- Comfortable
- Easy to attach

EX2597	Floating sunglasses strap

TOOL/TOILET BAG
25x16x16 CM



FEATURES
- Multi purpose tool/toilet bag
- Inside mesh pocket
- Easy to carry handle
- Compact

EX2571 Tool/toilet bag

PX BRIEFCASE
40x30x5 CM



FEATURES
- PX10 sailcloth
- Four zipped compartments
- Compartment for laptop or tablet
- Internal accessory pockets

EX2572 PX10 Briefcase

DOCUMENT BAG
32x25 CM



FEATURES
- Splashproof fabric
- Compartment for A4 documents
- Ideal for measurement forms

EX2575 Document bag

PENCIL CASE
24x12 CM



FEATURES
- Splashproof fabric
- Compartment for pencils

EX2576 Pencil case

FLOATING KEY CHAIN
85x40x15 MM



MIRA SERIES

FEATURES
- Floatable
- Personalizable with name and sail no.
- 3-layers structure

EX2588 Floating key chain

QUICK DRY TOWEL
80x130 CM



FEATURES
- Super absorbent
- Soft and quick dry design
- Compact and ultra lightweight
- Easy hang snap loop
- Including mesh carry-bag

EX2583 Quick dry towel

PHONE/CAMERA BAG
21x11 CM



FEATURES
- Waterproof
- Zip lock / Velcro closure
- Inside: 9x17 CM

EX2578 Waterproof bag

ROLLER BAG
88 L



FEATURES
- Waterresistant 1000D PVC cloth
- Velcro PX-10 sailcloth outside pockets
- Large main compartment
- Three inner pockets (1 mesh)
- 7 cm wheels
- Two grab handles
- Removable shoulder strap
- Extendable luggage handle

EX2622	Roller bag, 66x37x36 CM

ROLLER BAG
124 L



FEATURES
- Waterresistant 1000D PVC cloth
- Velcro PX-10 sailcloth outside pockets
- Large main compartment
- Three inner pockets (1 mesh)
- Large 11 cm wheels
- Two grab handles
- Removable shoulder strap
- Extendable luggage handle

EX2624	Roller bag, 74x43x39 CM

DRY BAG
5 L, 15 L, 40 L



FEATURES
- Waterproof
- Roll top buckle closure
- Semi transparent ripstop
- Air release valve (only on the EX2610)
- Detachable strap (only on the EX2610)

EX2605	Dry bag, 5 L
EX2608	Dry bag, 15 L
EX2610	Dry bag, 40 L

STORAGE TRAVEL BAG
70 L



FEATURES
- Thick 200 gsm woven pp
- Splashproof lamination
- Heavy duty handles
- Big zipper on top and 1 side

EX2615	Storage travel bag, 66x35x30 CM

DRY BACKPACK
40L



FEATURES
- Waterresistant 600D polyester
- Three compartments
- Waterresistant zippers
- Internal accessory pockets

EX2620	Dry Backpack, 50x33x25 CM

DUFFEL TRAVEL BAG
30 L



FEATURES
- Waterresistant 600D polyester
- Backpack and duffelbag in one
- Internal padded laptop compartment
- Internal tablet compartment
- 3 grab handles
- Cable pass through
- Hand luggage allowed
- 3 mesh pockets and 2 outside pockets
- Adjustable sternup strap
- Including carabiner for hanging

EX2626	Duffel travel bag, 45x30x30 CM

ROLL TOP DUFFEL BAG
45 L



FEATURES
- Waterresistant 600D polyester
- Zip front pocket
- Nametag pocket
- External mesh pockets
- Velcro seal
- 2 grab handles
- Waterproof

EX2628	Roll top duffel bag, 62x30x30 CM

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