

 *Northwest
River
Supplies, Inc.*

1987

Welcome to Northwest River Supplies

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Dear River Runner,

We feel especially lucky that we can share our excitement for the sport and our enthusiasm for the new products we've helped develop with you. Thanks to your help, we have been able to improve our company and our products. We know you'll enjoy using the equipment we are offering you in 1987.

As river runners push back the edges of the possible, we need to continue to keep safety in mind. It is every river runner's responsibility to learn and to practice first-aid and river rescue techniques. Please enroll in a professionally taught program and, at the very least, read a book like *River Rescue*. Be sure to practice what you've learned—before you need to use it on the river.

Don't forget that free-flowing rivers make our sport possible and that they continue to exist only through the hard work of many national and local organizations. We list two such organizations below. Support them in every way you can and remember to help your local organization, too. If we help when someone else's river is threatened, they'll help when our favorite river is threatened.

A lot of you find it convenient to pick up our products at a local outdoor specialty shop. If your local shop doesn't stock our equipment, have the owner call Rick or Ralph at NRS and you'll soon be able to see our gear in your town. If your club or search and rescue outfit would like to receive our catalog individually mailed or shipped directly for distribution at meetings call Donna and she will set you up.

Once again, thank you for your help in improving our company and our products. If there is a perfect piece of river running paraphernalia you can't find let us know and we'll see if it exists. If it doesn't, maybe we can figure out how to make it.

Bill Parks

Bill Parks
Northwest River Supplies

P.S. When you're in Northern Idaho, please come to Moscow and visit us at 2009 S. Main St. We'd love to show you our facilities.



The Scoop on Self Bailing

The addition of self-bailing inflatable floors is the most exciting innovation in raft design in recent years. They are fast becoming the most popular type of raft on the river today.

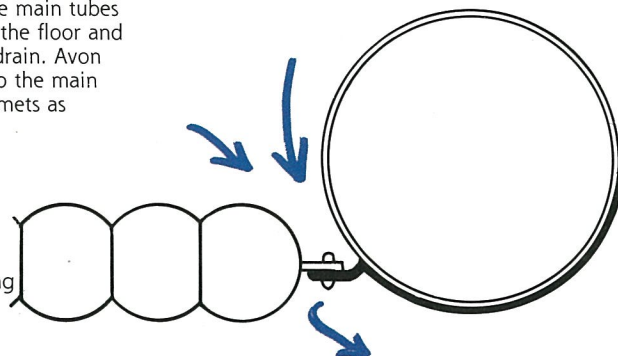
Characteristics

- "Air-mattress" style, I-beam inflatable floors attached to the raft tubes above the waterline. When water enters the raft, it drains out between the floor and the tubes. Total height of the floor varies with the manufacturer, but generally a higher floor will increase total buoyancy.
- Most manufacturers use a lace-in method to attach the inflatable floor to the main tubes of the raft. The space between the floor and the tubes creates a fast-acting drain. Avon glues a raised inflatable floor to the main tube and uses peripheral grommets as drains.

- Current manufacturing and material technology require low inflation pressure limits for inflatable floors (1-1.5 psi), so most manufacturers have installed 1 psi pressure relief valves to help prevent over-inflation of the floors. In any case, rafters must be particularly careful to avoid over-inflation of an inflatable floor.

Benefits

- Immediate drainage keeps the raft at peak efficiency.
- Increased speed and maneuverability
- Reduced chance of wrapping a raft
- Gear can be stored directly on the floor.



Cross section of laced-in self-bailing floor.

Cover photo: Otter Self-Bailer, Lochsa River
David Stoecklein

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River Organizations

Friends of the River Foundation
Building C, Fort Mason Center
San Francisco, CA 94123

American Rivers Conservation Council
322 4th St. N.E.
Washington, D.C. 20002

Get Tough!

New Hypalon Super Sprite and Super Scout Self-Bailers



Super Scout Self-Bailer with Universal Frame and 80 qt Gott Cooler

NRS Super Sprite and Super Scout Hypalon Rafts Now a Hypalon self-bailing raft doesn't have to cost you an arm—or even a leg! NRS continues its tradition of bringing you quality rafts at reasonable prices. This year we've added these new Hypalon 13' and 15'6" self-bailing rafts to our line. The Super Sprite and Super Scout Hypalon rafts are slightly larger than their EPDM counterparts yet still have the great performance and value you've come to expect from NRS inflatables.

These rafts are made by our Otter, Sprite, and Scout manufacturer whose reputation for quality has proven itself over the years. The Super Sprite and Scout are crafted from 35% 840 denier Hypalon tube material with 1260 denier neoprene/Hypalon floor material. These rafts feature the two stage bow and stern rise to achieve a dryer raft for all kinds of conditions.

Features: Sixteen 2" steel d-rings, 45' of proline rope to use either as a bow or safety line, disc style thwarts and frame wear patches. This is the raft for you if you want a high quality Hypalon self-bailing raft at a reasonable price. (Blue with yellow trim). See page 11 for full specifications. Shipped motor freight collect.

1090 13' Super Sprite

1095 15'6" Super Scout

\$1190.00

\$1455.00

Super Sprite Packages Whether you're a paddler or a rower, there is a Super Sprite Package for you! The Paddler's Package includes the Super Sprite, NRS footpump, repair kit, and four Carlisle Standard Paddles. (Choose 56" or 60" paddles in any combination you need, or we will send you two of each).

The frame package includes the Super Sprite, Little Bighorn Frame, four 3' HD straps, NRS footpump, repair kit, three 8' Carlisle oarshafts with Standard or Magnum blades (add \$10.00 if you prefer Outfitter blades), Pins and Clips and an Extra Clip (or Open Oarlocks and three Molded Oar Sleeves); everything you need to row your Super Sprite! Shipped motor freight collect.

1091 Super Sprite Paddler's Package \$1250.00

1092 Super Sprite Frame Package \$1595.00

Super Scout Frame Packages We offer two options for rigging your Super Scout for rowing the whitewater. The Bighorn package includes the Bighorn Frame, four 3' Heavy Duty straps, NRS footpump, repair kit, three 9' Carlisle Heavy Duty oarshafts with Standard or Magnum blades (add \$10.00 if you prefer Outfitter blades), Pins and Clips and an Extra Clip (or Open Oarlocks and three Molded Oar Sleeves), as well as the Super Scout.

The Super Scout Universal Package includes the accessories listed above, but substitutes the rugged, electrowelded steel, NRS Universal frame. Shipped motor freight collect.

1096 Super Scout Bighorn Package \$1890.00

1097 Super Scout Universal Package \$1955.00



Sprite Self-Bailer, Lochsa River David Stoecklein



Scout II Self-Bailer with Bighorn I Frame and 172 qt Gott Cooler

Sprite & Scout, Self Bailing Perfection and Affordable Whitewater Performance

NRS developed the Sprite and Scout to offer you the features you want most at a price you can afford. Design makes the difference. The Sprite and Scout are the culmination of developments that started with our first models almost ten years ago. They are higher quality and have more features than any other boats in their price range or than even the more expensive boats.

The Sprite and Scout are much more than basic transportation. They feature:

- Strong 840 denier Nylon tubes calendered with EPDM rubber
- 1260 denier, EPDM/Neoprene wrap-up floor which provides two fabric layers in critical abrasion areas
- Four main tube air chambers for safety
- Sixteen 2" steel D-rings
- Proven "disc" method of thwart attachment
- Military style valves for quick inflation and deflation
- Pressure relief valve in the floor of the self-bailers to prevent overinflation
- Wear patches to protect tubes from frame wear and provide a non-slip surface for paddlers
- Two step bow and stern rise for dryness and maneuverability
- Attractive blue material with yellow rubbing strake

These features are the result of many years of development aimed at producing reasonably priced rafts suitable for both paddlers and rowers. The Sprite and Scout are truly outstanding values for your rafting dollars.

Sprite and Scout Self-Bailers For those of you who get tired of bailing out your raft every time you go through a wave, NRS brings you the Scout and Sprite Self-Bailers. The overall dimensions are the same as the standard models, but we've added a self-bailing inflatable floor for those of you who don't like to bail or for big water boaters with not time to bail. The inflated floor is above the waterline, so when water gets into your raft just keep on rowing and let gravity do the bailing! You will enjoy pulling in for a leisurely lunch stop without emptying your raft from the last set of rapids.

The self-bailing floor is a "sandwich" construction of 1260 and 420 denier EPDM/neoprene material that is 1.5 mm thick. The edge of the floor and the main tube stub are made with a double thickness of floor material glued together. Brass grommets are fastened to both the floor and the stub. This construction counters the stress that the inflatable floor puts on the grommets and the material. The Sprite and Scout have a thick inflatable I-beam in a three-section floor with a pressure relief valve to prevent overinflation. Shipped motor freight collect.

1060 12'6" Sprite II Self-Bailer

\$1035.00

1080 14' Scout II Self-Bailer

\$1260.00

Scout II Looking for a boat to handle all the water? The Scout is the perfect choice for those that want a large raft but don't want to empty their pocketbook. Great for large groups of day-tripping paddlers, the Scout really shines on longer trips and bigger water. Large, four-chambered buoyancy tubes for safety, and plenty of room for the extra gear that always accompanies large groups. Shipped motor freight collect.

1070 14' Scout II (Standard Floor)

\$890.00

Sprite and Scout Packages

Scout II Packages Includes the Scout II or Scout II Self-Bailer, the Bighorn I or Universal rowing frames (pp 12-13), four 3' HD straps, NRS Pump, repair kit, three 9' Carlisle shafts with Standard or Magnum blades (p 15, add \$10.00 if you want Outfitter blades), Pins and Clips (or Open Oarlocks and three Molded Oar Sleeves), and an Extra Clip. Shipped motor freight collect.

1071 Scout Bighorn Pkg	\$1350.00
1081 Scout S-B Bighorn Pkg	\$1695.00
1072 Scout Universal Pkg	\$1415.00
1082 Scout S-B Universal Pkg	\$1760.00



Scout Self-Bailer, Lochsa River David Stoecklein

Sprite II A terrific paddling boat for four to six people, and just right for two or three with a rowing frame. You'll find that the Sprite is buoyant and exciting, with quick response, yet doesn't act skittish in big curlers. Drop on a rowing frame and you are off for a great trip. Sprite has a 9" bow rise to help it ride over those big waves and generous 18" diameter tubes for a drier ride. Shipped motor freight collect.

1050 12'6" Sprite II (Standard Floor)

\$715.00

Bowline Bag A sturdy 8" x 12" nylon bag to store the bowline on your raft. Features a drawstring closure and nylon mesh bottom. Attach to your raft's D-ring for quick access. Mini-Carabiner included.

1820

\$12.50



Bowline Bag Set Comes complete with Bowline Bag, Mini Carabiner, and your choice of 50', 75', or 100' of 3/8" Proline rope. A must-have accessory on your next rafting trip.

1821 Bowline Bag Set-50' \$22.50

1822 Bowline Bag Set-75' \$26.75

1823 Bowline Bag Set-100' \$30.75

Sprite II Paddlers Package Includes the Sprite II or Sprite II Self-Bailer, NRS Foot Pump, repair kit and four Carlisle Standard Paddles. Choose from 56" or 60" paddles—two of each, or all four the same size (Please specify paddle length when ordering). Shipped motor freight collect.

1051 Paddler's Pkg \$790.00

1061 Self-Bailer Paddler's Pkg \$1100.00

Sprite II Frame Packages Everything you need to set up your Sprite II or Sprite II Self-Bailer for whitewater. The package comes with the Sprite II or Sprite II Self-Bailer and your choice of the Sprite Skidguard or Little Bighorn rowing frames (pp 12-13), plus the following accessories: four 3' HD Straps, NRS Pump, repair kit, three 8' Carlisle shafts with Standard or Magnum Blades (p 15; add \$10.00 if you want Outfitter blades), Pins and Clips (or Open Oarlocks and three Molded Oar Sleeves), and an Extra Clip. Shipped motor freight collect.

1052 Sprite Skidguard Pkg \$995.00

1062 Sprite S-B Skidguard Pkg \$1295.00

1053 Sprite Little Bighorn Pkg \$1150.00

1063 Sprite S-B Little Bighorn Pkg \$1460.00



Sprite Self-Bailer, Surfer Wave, Lochsa River David Stoecklein

The Otter Design

River runners welcomed the raised bow and stern as a major breakthrough in designing rafts for high maneuverability in whitewater rivers. While that design is now the standard for river rafts, Northwest River Supplies has found that a parabolic bow tube provides superior handling characteristics for smaller rafts like the Otter, making it possible for paddlers to take them safely into big water.

The parabolic bow decreases the already short wheelbase so the Otter can change direction quickly and yet achieve dynamic stability if paddlers dig in and brace. The bulbous Otter bow deflects water without being held by it, helping paddlers push through abrupt transitions. It also provides a strong, stable platform for the bow paddler to brace forward and pull the raft through the curls.

The Otter rides drier than most other small conventional rafts because the side tubes increase in size as they join the bow. The added height at the vulnerable front corners decreases the water taken in. The parabolic bow tube provides a smooth transition which eliminates the "water dam effect" and reduces drag.

The larger stern tube has the same effect as a raised stern in reducing drag, but is not as effective when overloaded.

The NRS Otter is a popular design solution to producing a small inexpensive whitewater raft which can not be matched for the sheer joy of running it through high class rapids.

Otters Love Whitewater!

NRS Otter Serious about river running? Don't overlook our "Volksraft". We designed the Otter as an all around boat, great for fishing, trolling on lakes, or relaxed day-tripping on your local river. But some of you have discovered what a great paddle boat it is for big Class III and even Class IV water. We at NRS caught the fever and many of us became addicts—spending every spare weekend "testing" Otters on Idaho's justly famous whitewater rivers. Some owners insisted on using the Otter in even tougher situations, using rowing frames and challenging the really big water. We listened and created the Otter Wrap-Floor for the demanding small-raft boatman. Packs a lot of extra features in the same, proven Otter design.

When originally designing the NRS Otter, we wanted a fun, responsive craft suitable for many different water conditions, but one which a boater on a budget could afford. The NRS Otter provides an exciting whitewater ride for four or five paddlers. It offers stability to get through fast drops, and maneuverability for tricky rock gardens.

The NRS Otter features a parabolic bow chamber which increases gradually in diameter from 16 1/2" to 24", and an enlarged rear chamber that supports the stern paddler and also helps prevent swamping from the rear by big waves. Two inflated cross thwarts (which provide additional seating, rigidity, and buoyancy) are carefully placed to give paddlers maximum comfort and bracing capability. For added safety, the two main air chambers are formed at the front and back rather than side to side, and all chambers have recessed military-style valves for quick inflation/deflation.



Action Paddling, Otter Self-Bailer, Lochsa River David Stoecklein

Standard Otter The NRS Otter's durability and longevity are due to the reinforced 840 denier nylon fabric floor and the 420 denier nylon fabric tubes, protected by a rubberized coating that makes the NRS Otter airtight and resistant to abrasion and weathering. The 3/16" polypropylene lifeline is secured by web-reinforced rubber guides and attaches to a 1 3/4" D-ring on the bow. The NRS Otter offers more fun per dollar than any other raft on the market. It carries our limited six-month warranty against defects in materials and workmanship.

1020

\$335.00

Self-Bailing Otter The Self-Bailing Otter proved itself during 1986 as a very responsive and forgiving big-water paddle-boat. Customers have been very impressed with our smallest self-bailer's unique handling characteristics with four people paddling, or set up with the Otter frame, the Self-Bailer will dance down your favorite whitewater river. And you can leave your bail bucket at home. Fishermen like the Self-Bailer for its stable, semi-rigid floor, its lightness and its ease of transport.

1040

\$635.00

Our Little Raft Gets Serious

Otter Wrap-Floor Because of the Otter's popularity and the demand for an even tougher affordable raft, we created the Otter Wrap-Floor. Built using the same dimensions as the basic Otter, the wrap-floor features a strong 1200 denier floor wrapped to the midline of the 420 denier tube. The Otter Wrap-Floor comes equipped with ten mounted D-rings and frame wear patches.

1030 \$395.00

Otter Frame The Otter Frame is made for whitewater, and is perfectly matched to the Otter, Otter Wrap-Floor, or Otter Self-Bailer. Rectangular steel side rails, special offset oarlock stands and 3/4" Skidguard seats for the boatman and passengers. Assembled dimensions of 52"L x 56"W. Disassembles quickly into a compact bundle. Fits the Otters as well as many other small rafts.

1220 \$97.50

Otter Frame Packages The Otter Frame Package has the NRS Otter Wrap-Floor or NRS Otter Wrap-Floor Self-Bailer, Otter Frame, NRS Pump, four 3' HD straps, repair kit and two 7' HD Carlisle Rafting oars with Standard or Magnum blades (p 15; add \$8.00 if you want Outfitter blades), and Pins and Clips. Add \$55.00 for a spare oar with clip. Strongly recommended!

1035 Otter Wrap Floor Package \$595.00

1045 Otter Self-Bailer Package \$820.00

Otter Paddler's Package Provides everything you need to have a high-floating good time on the river. Includes the NRS Otter, Otter Wrap-Floor or Otter Wrap-Floor Self-Bailer. We've included our NRS Foot Pump, repair kit and four Carlisle Economy paddles. Two paddles are 54" and two are 60"; if you need all 60" or all 54", just ask.

1021 Otter Paddler's Package \$380.00

1031 Otter WF Paddler's Package \$435.00

1041 Otter WF S-B Paddler's Package \$670.00

For the Boatman on a Budget...

Otter Oarsman Package For those who would rather row but want to avoid a frame. It's a good set-up for fishing or for mild river runs. Along with the NRS Otter or Otter Wrap-Floor, you get the NRS Foot Pump, two 6' Carlisle Economy Oars, an Otter Motor Mount (2 hp maximum), Rubber Oarlocks, a pint of carboline and a repair kit.

1022 Otter Oarsman Package \$395.00

1032 Otter WF Oarsman Package \$450.00

Otter Accessories In combination with the glue-on Otter Rubber Oarlocks, we offer 6 foot Carlisle Economy Oars with 5 1/2" wide blade and rigid, thick-walled aluminum shaft. If you prefer to use a rowing frame (Otter Frame or comparable), we suggest the 7' Carlisle Rafting Oars and the Sawyer Oars as described on pp 15 and 16. For motorists, there is the Otter Motor Mount (2 horsepower maximum). The Budget Foot Pump (p 21), though inexpensive, is well-built and works with the NRS Otter.

1026 Otter Rubber Oarlocks \$14.00 pr

1027 Otter Motor Mount \$20.00

1375 6' Carlisle Economy Oar \$16.50 ea

1706 Budget Foot Pump \$25.00

1805 Otter Cargo Platform \$32.00



Argonaut Cataraft on North Fork of the Payette
Pam Peterson



The Unstoppable Argonaut Cataraft

NRS Argonaut Cataraft Cataracts have been around for years but Kris Walker's design is far superior to the usual "sausage pontoon" design. We are delighted to have worked with Kris in translating and modifying his original design to create a Cataraft with EPDM tubes and a lace-in mesh floor for the 1987 season.

Honestly, you don't have to be a "Hair" boater to love these new Argonauts. Anyone interested in a lightweight, highly maneuverable, stable river craft at an affordable price will appreciate the features of this Cataraft. The double tubes provide increased flotation and much quicker response than conventional rafts. The uplifted ends enable the Argonaut to ride up and over steep waves instead of diving into the trough and they will slice through the big curls that may stop a conventional raft. Oarsman Alan Hamilton's comment after descending Idaho's infamous Class IV+ North Fork of the Payette:

"This boat is unstoppable!"

For most of us Class III and IV boaters, however, the Argonaut simply provides a way to run our favorite rivers with a beautifully responsive enjoyable craft.

Four passengers can sit on the main tubes on day trips. On extended trips, the Argonaut can accommodate 2-3 passengers sitting on coolers or gear bags. When you have an odd number of passengers, one person should sit in the center for best weight distribution. To avoid the "working without a net" paranoia we have added a self-draining lace-in mesh floor between the main tubes.

Each individual 18" tube is 16'8" long and crafted of 840 denier EPDM Neoprene with an 840 denier EPDM Neoprene full wrap bottom. Width of the Cataraft is approximately 7'6" when using the NRS Argonaut Rowing Frame as described at right (rowing frame not included in the price of the tubes). Features attachment strips with brass grommets for the mesh floor and sixteen stainless steel D-rings for frame positioning and gear tie-downs.

Tubes weigh 65 lb each and are blue with yellow trim.

Argonaut Package includes: Argonaut Tubes, Rowing Module, Cargo Module, three 10' Carlisle oar shafts with Standard or Magnum STM blades (add \$10.00 if you want Outfitter Blades), sixteen 2' HD straps, one set of Pins and Clips, one Extra Clip (or Open Oarlocks and three Molded Oar Sleeves), NRS Pump, and repair kit. You also receive a 10% discount on any accessories purchased at the same time you buy the Argonaut Package.

1180 Argonaut \$965.00

1183 Argonaut/Frame Package \$1650.00

Argonaut Module Frame Since the NRS Argonaut Cataraft is not really a raft, but two pontoons, a rowing frame must be used to hold the two pontoons in position. The flat section of the Argonaut main tubes is ten feet long which allows you to carry a tremendous amount of gear. It also allows us to offer a new frame design. Since trip length can vary from one day to several weeks, the ideal frame must take this into account. Kris Walker developed a frame system that does this.

The Modular Frame has two sections; one for cargo and one for the rowing platform. Both Modules are 4'6"L x 6'2"W and can be interchanged depending on oarsman preference or cargo carrying needs. The Rowing Module has an adjustable seat bar and oarstands to allow for any size oarsman. When used alone it makes a great day frame and can be positioned anywhere along the tubes. It comes with the High Back Padded Seat, necessary hardware and can be shipped UPS or Parcel Post.

The Cargo Module is great for extended trips. It is designed so that three 80qt Gort coolers nest perfectly between the center bars. This leaves room for extra dry boxes, bags or passengers. The Cargo Module can be placed in the front or behind the Rowing Module. Call Alan and get a complete rundown on the Argonaut and its unique characteristics (208) 882-2383.

1181 Rowing Module \$367.50

1182 Cargo Module \$167.50

Sport II—Our Most Popular Raft!



Sport II The Sport II has been accepted as the best recreational whitewater rowing raft available today.

The popularity and success of the Sport II is the result of many years on the river testing raft design features to create a high performance river boat.

Most experienced rafters know that a swamped boat takes water over the sides where the bow rise begins. Too much bow rise allows the boat to be stopped and lifted too high for passengers to lean into the wave and "spear" the boat into big curls. We raised the bow and stern 11" on the Sport II to reduce incoming spray; this two stage bow rise starts gradually, shortening the effective waterline for increased quickness and easy handling in rough whitewater.

We wanted a raft equally at home on a local day trip, a week on the Middle Fork of the Salmon, or a month on the Grand Canyon of the Colorado. The Sport II does all this and more. It performs like a 13' boat in a technical rock garden or like a 16' boat maneuvering through the huge waves of Lava Falls.

To implement our design and guarantee quality control, we went to Achilles for production of the Sport II. Achilles' uncompromising workmanship and superior materials ensure the Sport II's long life. For extra durability the Sport II has a 1260 denier heavy duty neoprene floor. The tubes are built of top quality 840 denier Nylon 66 calendered with 80% DuPont Hypalon. To celebrate the success of the Sport II we are having it built in Northwest River Supplies' blue with a yellow rubbing strake. The quickness and maneuverability of the Sport II make it a great boat for rowing or paddling! Shipped motor freight collect.

1001

\$1795.00

Sport II Wrap-Up Northwest River Supplies brings you the advantages of the Sport II in a commercial model, with the heavy duty 1260 denier floor material wrapped-up to the mid-line of the tube. For those who run or rent boats on the roughest and rockiest rivers, we offer the ultimate. Motor freight collect.

1010

\$1995.00

Sport II Specifications 14'9" L x 7' W; 20 1/2" diameter main tubes; 15" diameter thwarts; 11" bow and stern rise; 45" L x 41" W center compartment; six air chambers (four main and two thwarts) with recessed military style valves; 840 denier 80% Hypalon tube material; 1260 denier neoprene floor material; 14 mounted D-rings and a lifeline. The Sport II comes with a five-year guarantee against defects in material and workmanship. Weighs 140 lb (Sport II Wrap-Up, 167 lb) and is shipped motor freight collect.

Sport II Packages If you need a complete whitewater set-up for your Sport II, one of the following Sport Packages is the best value. Each package includes the Sport II or Sport II Wrap-Up, the NRS frame of your choice (see below), three 9' Carlisle Heavy-Duty oar shafts with Standard or Magnum STM blades (add \$10.00 if you want outfitter blades), four 3' HD straps, one set of Pins and Clips, one Extra Clip (or Open Oarlocks and three Molded Oar Sleeves), Repair Kit, and the NRS Footpump. You will also receive 10% savings on any accessories purchased when you buy a Sport II package. Shipped motor freight collect.

1002 Sport II Universal Package \$2295.00

1011 Sport II Wrap-Up Universal Package \$2495.00

1004 Sport II Bighorn Package \$2230.00

1013 Sport II Wrap-Up Bighorn Package \$2430.00

What a Deal!

If you don't see a package of your choice, pick the accessories you want when you buy a raft and receive a 10% discount on those accessories. Write or call us for complete information on producing your own package deal.



Scout Self-Bailer, Lochsa Falls David Stoecklein

Achilles Riverboats

Achilles uses 80% Hypalon-coated nylon fabric that's flexible, airtight, and wear-resistant. The fabric is woven from premium Nylon 66 thread rather than the more common Nylon 6. Skilled workers assemble each boat with care, using the latest manufacturing technology. Achilles backs their boats with a special five-year guarantee on material and seams. Looking for an Achilles smaller or larger than what we have listed on p 11? Drop us a line and we'd be happy to tell you what else is available. All Achilles rafts are shipped motor freight collect.



Achilles RC 126



Achilles RV 160, Lochsa River Bill Parks

Achilles RV Series The RV series is Achilles' top of the line river boat. Constructed with 840 denier tubes and 1260 denier floors these rafts are the first choice for long life and maximum usage. Featuring a full wrap floor to provide extra abrasion resistance on critical areas and large tubes to handle the most challenging whitewater. Lace-in thwarts. Available in red or gray with black straking.

Achilles RS Series For its RS Series, Achilles uses their highest quality 80% Hypalon calendered to Nylon 66 in a 420 denier tube fabric. The floor is Nylon 66 1260 denier fabric calendered with high density neoprene and brought up in a full wrap to protect the lower tube. Wear patches in high abrasion areas and glued in thwarts. Available in red with gray trim.

Achilles RC Series The RC series features 420 denier tubes and 1260 denier, 50 degree wrap-up floor. This boat is a favorite for private river runners because of its lightness and excellent maneuverability.

Maravia—Whitewater Rafts Made in Idaho!

Maravia Rafts Maravia has been creating professional quality whitewater rafts since the early 1970's, and their self-bailing boats are generally regarded as the best on the market. Their rafts are built of 32 oz, 1000 denier PVC coated polyester fabric with excellent resistance to ultraviolet. A special weaving process gives the material a very high tear resistance.

Maravia uses a unique construction method which eliminates most of the seams found in a conventional raft. The material is folded along a miter pattern and glued to itself to create the curves necessary to shape the raft. By limiting seams, Maravia eliminates many potential points of failure and creates rigid, stable rafts that are famous for tracking.

Maravia uses a "drop stitch" fabric in the floors of their self-bailing rafts. This unique fabric creates a very rigid, perfectly flat floor surface which makes the boats very fast with excellent tracking ability.

Their most popular boats for private river running are the Williwaw I measuring 14'3" x 6'8" and the Williwaw II measuring 15'6" x 7'6". Both models are available with standard or self-bailing floors. Give us a call for complete specifications on these and Maravia's nine other models. Available in blue, yellow, orange or white. MF collect. Call for pricing.

Avon Boats—the Industry's Standard

Avon has been designing and manufacturing inflatable boats for 25 years, and is recognized worldwide for building superior river-running craft. The Avon material has a layer of heavy duty nylon fabric sandwiched between two layers of 85% DuPont Hypalon. This high Hypalon content makes a very lightweight, yet extremely durable material. Avon's fabric is guaranteed for five years. Avon rafts are equipped with anti-chafing strips, D-Rings, lift handles, and a repair kit.

Avon's version of the self-bailing raft uses a non-removable inflatable floor with stainless steel grommets on the edge. The water drains out the grommets instead of between the lacings as in other self-bailers. Among Avon's most popular models are the Scout, Adventurer and Professional. See the chart on p 11 for specifications and prices. Shipped motor freight collect.

What a Deal!

Pick the accessories you want when you buy a raft and receive a 10% discount on those accessories. Write or call us for complete information on producing your own package deal.



Riken Mohawk Dan Baxter

Rugged Riken Riverboats

The **RIVER RIDER** Series are popular because of their quality construction and reasonable cost. Riken has improved the River Rider series by adding full length frame wear patches and lacing in both thwarts. To improve handling, they have made the bow more rounded.

Large cooler frames (Bighorn or Universal), fit the River Riders nicely, making them a good choice for longer raft trips. The River Rider 14' is an excellent five or six-person paddle raft. All River Riders have wrap-up floors for increased protection against abrasion and puncture, and feature three main air chambers plus two thwarts, all with military style valves.

The Self-Bailing River Riders have a laced-in self-bailing floor, which has one chamber, I-beam construction and is made of durable 840 denier material. The floor lifts smoothly and gradually like the bow and stern rise of the raft tubes. This improves handling and maneuverability. See p 11 for specifications. Shipped motor freight collect.

1120	RR-14'	\$1450.00
1121	RR-15'	\$1620.00
1125	RR-14' Self-Bailer	\$1945.00
1126	RR-15' Self-Bailer	\$2160.00

Miwok and Shoshoni—The Riken Red Line

RIKEN RED LINE boats are high-quality rafts that can handle any river situation. Their tube material is 32 oz, 840 denier, 80% Hypalon-coated. The floor material is a high density, 840 denier, 32 oz material coated with a neoprene blend. This material keeps the overall weight of the raft down without sacrificing durability. The Miwok is considered a classic boat with plenty of room for four on most trips. The Pawnee is a slightly larger version of the Miwok and has a self-bailing floor. The **MIWOK** and **SHOSHONI** both have a wrap-up floor. The Shoshoni is popular for commercial and big-water use. Shipped motor freight collect. For dimensions see p 11.

1131	Miwok WF	\$1975.00
1134	Pawnee Self-Bailer	\$2815.00
1135	Shoshoni WF	\$2205.00

Tahoe and Mohawk Self-Bailers

Riken has come up with some radical designs for the **TAHOE** and **MOHAWK**. The 19" side tubes taper down in size towards the bow and stern and are connected with an inflatable dodger. The result is a slightly pointed end that punches through waves. The self-bailing floor is a single chamber 5 1/2" thick I-beam lace-in floor. The diminishing tube design allows for extra cargo space in the bow & stern compartments, and significantly reduces the overall weight of the raft.

1130	13' Tahoe	\$2655.00
1132	14' Mohawk	\$2790.00

Riken Cheyenne and Nez Perce Self-Bailers

Riken has incorporated the diminishing tube design (as described in Tahoe/Mohawk) with these high-performance rafts. The 15' **CHEYENNE** has 20" side tubes that taper down to a single 12" cross-tube at the bow and stern. The 16' **NEZ PERCE** tapers from 21" down to 14". This gradual curved design increases the lift without raising the bow & stern height.

Polyester/Hypalon material used in the floor and tubes results in greater rigidity and lighter overall weight. 5 1/2" I-beam lace-in floor.

1133	15' Cheyenne	\$3235.00
1136	16' Nez Perce	\$3555.00

State of the Art Raft

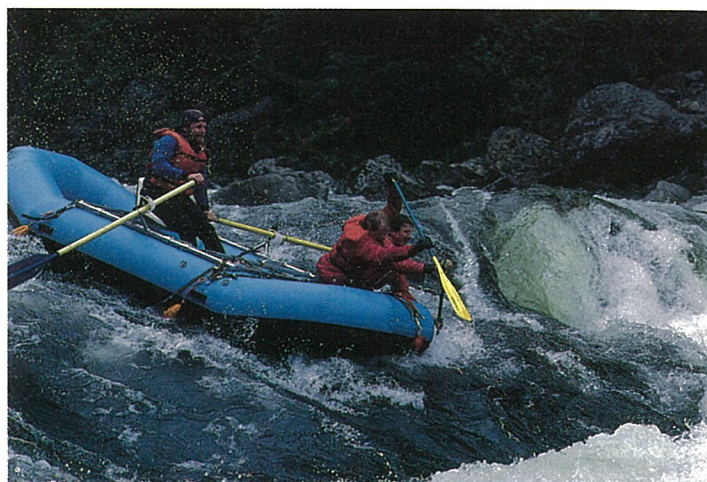
Whitewater Manufacturing's Self-Bailing "SOTAR"

Jim Cassaday, Bill McGinnis and others put their heads together with Whitewater Manufacturing and produced this inflatable-self bailing raft that makes real sense: the "SOTAR", **State Of The Art Raft**. They use an extremely thick (8") "air mattress" style, reinforced PVC floor with grommets around the perimeter laced into floor stubs on the main tubes. The PVC fabric is lightweight and rigid, which makes the boat easy to maneuver and helps punch through waves. These high performance rafts have characteristics that make them very desirable not only for outfitters, but for recreational boaters as well. Available in 12', 14' & 16' lengths.

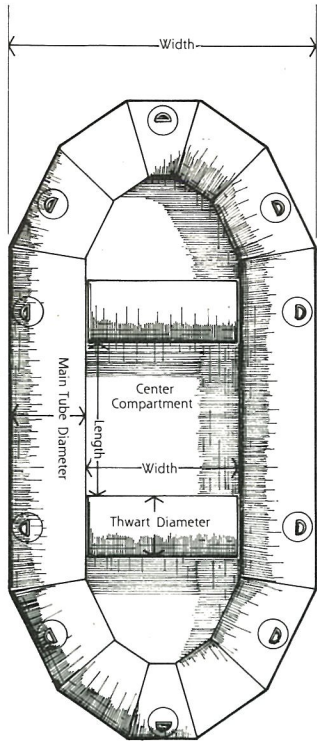
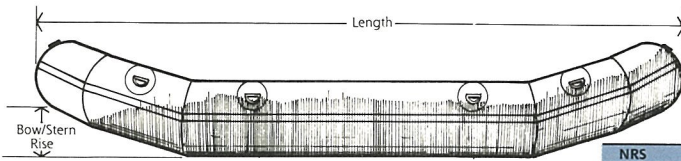
1146	14' SOTAR Self-Bailer	\$2772.00
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Make Up Your Own Package Deal!

For those interested in a raft which doesn't have a package listed, you can receive a 10% discount on accessories purchased with the raft.



14' SOTAR, Lochsa Falls David Stoecklein



	Length	Width	Main Tube Diameter	Thwart Diameter	No. of Main Tube Chambers	Center Compartment Length/Width in inches	Bow/Stern Rise in inches	Tube material Denier/oz sq yd	% and Type of Tube Coating	Floor material Denier/oz sq yd	No. of D-rings	Suggested Oar Length in feet	Unboxed Boat Wt (lb)	Price
NRS														
Otter	11'2"	5'6"	16.5"	13"	2	26/35	0/0	420/26	50E	1200/30	1	7-8	52	\$335
Otter WF	11'2"	5'6"	16.5"	13"	2	26/35	0/0	420/26	50E	1200/37	10	7-8	62	\$395
Otter SB	11'2"	5'6"	16.5"	10"	2	26/35	0/0	420/26	50E	1200/37	10	7-8	85	\$635
Sprite II	12'6"	6'	18"	14"	4	38/36	9/9	840/30	70E	1200/37	16	7½-9	95	\$715
Sprite SB	12'6"	6'	18"	10"	4	38/36	9/9	840/30	70E	1200/37	16	7½-9	115	\$1,035
Scout II	14'	6'10"	20"	15"	4	42/42	11/11	840/30	70E	1200/37	16	9-10	125	\$890
Scout SB	14'	6'10"	20"	10"	4	42/42	11/11	840/30	70E	1200/37	16	9-10	145	\$1,260
Super Sprite SB	13'	6'3"	19"	10"	4	42/37	10/10	840/30	35H	1260/37	16	8½-9½	135	\$1,190
Super Scout SB	15'6"	7'3"	21"	10"	4	46/45	12/12	840/30	35H	1260/37	16	9-10	180	\$1,455
Sport II	14'9"	6'10"	20.5"	15"	4	45/41	11/11	840/32	80H	1260/48	16	9-10	140	\$1,795
Sport II WF	14'9"	6'10"	20.5"	15"	4	45/41	11/11	840/32	80H	1260/48	16	9-10	167	\$1,995
Achilles														
RV 110	11'	5'2"	16"	12"	3	34/30	7.5/7.5	840/32	80H	1260/48	10	7-8	65	\$1,325
RV 126	12'6"	6'1"	18"	14"	4	42/37	9.5/9.5	840/32	80H	1260/48	13	8-9	88	\$1,610
RV-140	14'	6'8"	20"	15.5"	4	45/40	10/10	840/32	80H	1260/48	15	9-10	124	\$2,070
RV-156	15'6"	7'1"	22"	16.5"	4	46/41	11/11	840/32	80H	1260/48	15	9-10	130	\$2,265
RV-180	18'	8'	24"	18"	4	60/48	11.5/11.5	840/32	80H	1260/48	15	10-11	185	\$2,830
RS-110	11'	5'2"	16"	12"	2	34/30	7.5/7.5	420/37	80H	1260/48	10	7-8	60	\$1,145
RS-126	12'6"	6'1"	18"	14"	3	42/37	9.5/9.5	420/37	80H	1260/48	13	8-9	80	\$1,325
RS-140	14'	6'8"	20"	15.5"	3	45/40	10/10	420/37	80H	1260/48	13	9-10	92	\$1,610
RC-110	11'	5'2"	16"	12"	2	34/30	7.5/7.5	420/37	80H	1260/48	9	7-8	50	\$945
RC-126	12'6"	6'1"	18"	14"	2	42/37	9.5/9.5	420/37	80H	1260/48	9	8-9	70	\$1,045
RC-140	14'	6'8"	20"	15.5"	2	45/40	10/10	420/37	80H	1260/48	9	9-10	88	\$1,235
Avon														
Scout III	12'	5'10"	17"	15"	3	24/36	9/9	840/34	85H	1680/40	4	7-8½	80	\$1,895
Adventurer VI	14'2"	7'1"	20.3"	16.5"	4	42/44	10.5/10.5	840/36	85H	840/36	10	9-10	99	\$2,455
Adventurer VII SB	14'2"	7'1"	20.3"	16.5"	4	42/44	13.5/13.5	840/36	85H	1680/40	10	9-10	132	\$3,195
Professional VII	16'	7'4"	21"	16.5"	4	43/46	13/13	840/36	85H	1680/40	12	10-11	119	\$3,295
Professional X SB	16'	7'4"	21.25"	16.5"	4	45/45	12.5/12.5	840/36	85H	1680/40	12	10-11	145	\$4,095
Riken														
River Rider 14	13'6"	6'8"	19"	15"	3	41/41	11/6	420/35	25H	840/39	10	9-10	119	\$1,450
River Rider 15	15'	6'10"	20"	15"	3	47/42	12/7	420/35	25H	840/39	12	9-10	129	\$1,620
River Rider 14 SB	13'6"	6'8"	19"	13"	3	41/41	11/6	420/35	25H	840/39	10	9-10	137	\$1,945
River Rider 15 SB	15'0"	6'10"	20"	14"	3	47/42	12/7	420/35	25H	840/39	12	9-10	156	\$2,160
Tahoe SB	13'	6'2"	19"	12.5"	4	41/36	8/8	840/32	80H	840/32	10	8½-9½	137	\$2,655
Miwok	13'6"	6'7"	19"	15"	4	41/41	8/8	840/30	80H	840/32	10	9-10	139	\$1,975
Mohawk SB	14'	6'8"	19"	13"	4	42/42	9/9	840/30	80H	840/32	10	9-10	159	\$2,790
Pawnee SB	14'8"	7'	21"	15"	4	43/42	12/12	840/32	80H	840/32	12	9-10	189	\$2,815
Cheyenne SB	15'	6'10"	20'16"	14"	4	43/42	13/13	840/32	80H	840/32	16	9-10	179	\$3,235
Shoshoni	16'	6'10"	19.5"	15"	4	45/43	10.5/10.5	840/32	80H	840/32	12	9-10	159	\$2,205
Nez Perce SB	16'	7'2"	21'14"	14"	4	48/44	16/16	840/32	80H	840/32	16	10-11	189	\$3,555
Maravia														
Williwaw I SB	14'3"	6'8"	20"	15"	4	42/40	12/12	1000/32	PVC	1000/40	10	9-10	108	Please Call
Williwaw II SB	15'6"	7'6"	22"	18"	4	45/46	12/12	1000/32	PVC	1000/40	10	9-11	130	
White Water Manufacturing														
SOTAR 12"	12'	5'8"	18"	12"	4	36/32	6/6	1250/32	PVC	1250/50	6	7½-9	90	\$2,002
SOTAR 14"	14'	6'8"	20"	12"	4	46/40	12/12	1250/32	PVC	1250/50	6	9-10	110	\$2,772
SOTAR 16"	15'10"	7'6"	22"	14"	4	46/46	12/12	1250/32	PVC	1250/50	6	10-11	125	\$3,465

Which Raft for You?

NRS recommends that you investigate six factors while making your decision, listed here in order of priority for most rafters.

□ **1. Type of river.** The rivers that you intend to run should influence your decision most about which raft to use. A highly maneuverable raft that's perfect for small rivers with intricate, shallow channels won't be as well suited for large pool and drop rivers which require only that you line the raft up correctly before the rapid and then hang on for all you're worth! Many rafters want to run both types of rivers, and will have to balance maneuverability in tight corners against stability in big water.

□ **2. Length of average trip.** If you only go on day trips or over-nighters, you don't need to allow for extra storage space. On day or even weekend trips, a raft that will carry a specified number of people comfortably will also carry their gear, though it might get tight! For longer trips, there is no choice but to use a larger raft with greater storage area.

□ **3. Excitement vs stability.** A small boat that responds actively to the water can make even a relatively calm river exciting and challenging. A larger boat is more stable, more sedate and offers greater cargo capacity.

□ **4. Number of passengers.** A boat that's built for four people to ride in comfort will be mighty crowded packed with eight passengers. On the other hand, a boat built to carry eight on an extended trip will seem ridiculously roomy (and hard to handle) for two lone paddlers. Fortunately, all boats will accommodate a range of passengers (2-4, 4-6, etc.), so select the range you will most often need.

□ **5. Paddle or row?** In the West, the tradition has been to row rafts; in the East, people paddle. More and more Western boaters are adopting paddles for the exhilaration and comradeship that paddling offers, and an increasing number of Eastern rafters are discovering the power and maneuverability of rowing. Fortunately most modern rafts have a

symmetrical bow and stern equally suited for either method of propulsion. A larger raft, however, cannot be handled by only two paddlers, so will require a rowing frame and oars when you're taking trips with few people.

□ **6. Budget.** Though budget may be your first priority, we list it last because the other factors narrow your choice considerably. Beginning rafters might consider a less expensive model to see how well they like the sport, then move up later to a higher quality boat. NRS rafts offer extra values for you because NRS supervises design, material selection, manufacture, and distribution. Whichever raft you choose, we are here to give you helpful information and quality service.

Raft Materials

Fabric: The strength of raft material is determined primarily by the strength of the underlying fabric. Fabric strength is determined largely by thread characteristics: type (nylon or polyester), strength (nylon 6 or 66), and weight (denier). The other important factors in fabric strength are the fabric density (thread count per inch), and the process used to make the fabric.

Coatings: Ingredients and process are both important. Every coating compound contains rubber filler and formulation. Fillers range from 40% to 60% (or more) of the compound. The rubber formulation is usually either Hypalon, Neoprene, EPDM (Ethylene Propylene Diene Monomer), or a combination. More expensive material contains higher percentages of the more durable rubber formulations. Neoprene and EPDM are commonly used in less expensive rafts.

Compounds are bonded to the underlying fabric by either calendaring or spreading. Calendaring is the best process, and can produce extremely tough and abrasion-resistant surfaces. In calendaring, the rubber is squeezed onto and into the fabric by huge pressure rollers. Spreading is less expensive and until recently was the most common method.



Sprite Skidguard Frame

Otter and Sprite Skidguard Frames Rectangular steel side rails, special offset oarlock stands and 3/4" Skidguard seats for the boatman and passengers. These economical frames are built tough for use in whitewater. Although made specifically for the Otter or Sprite, these frames work well on other similarly sized rafts. The Sprite Frame has a steel foot brace suspended from the front seat. Both disassemble quickly into a compact bundle.

1220 Otter Skidguard Frame

\$97.50

1221 Sprite Skidguard Frame

\$115.00

Sports Car Control

Padded Raft Seat Like flying a plane, rowing a raft requires "seat of the pants" grip for proper control. Our contoured, padded seat gives you this grip as well as reducing fatigue from a long day at the oars. Foam-padded steel seat can be retro-fit to almost any homemade rowing frame, and is standard equipment on most of our NRS frames. Durable white vinyl cover reflects heat to keep you cool and comfortable. Attaches with 5/16" bolts (two sets included). Try the high back version of the padded raft seat for great lower back support.

1230 Padded Seat

\$32.50

1231 High Back Padded Seat

\$41.50

The Original

Universal Frame We introduced the Universal Frame in 1977, and although often imitated, it has never been equaled. We have continually improved the frame to ensure that it remains the best of its type. The four-piece frame assembles quickly, with the front cross member doubling as a foot brace and cooler cradle. Constructed of .065 wall, 1 1/4" OD, electroweld, medium carbon steel, the frame has adjustable heavy-duty steel oarlock stands.

The Universal will carry a 102 qt or smaller Gott cooler. The Super Universal is popular with outfitters because it fits larger boats and will carry up to a 172 qt Gott cooler. Shipped motor freight collect.

1215 Universal

\$345.00

1216 Super

\$395.00



Universal frame with 80-qt Gott cooler

Choosing a Frame

A rowing frame should give you a fulcrum for your oars, a secure seat for the oarsman, and a structure for your cargo. In choosing a raft frame, consider:

- size
- durability
- weight
- maintenance
- packaged size
- cargo capacity

Raft Frame Specifications— Please specify raft model when ordering your frame.

Name of Frame	Weight	Length	Width	Packaged Size	HD Straps	Cooler Capacity	Padded Seat	Fits Rafts	Price
Little Bighorn	33 lbs	58"	64"	10"x6"x64"	2	1	Yes	12'-13'6"	\$255.00
Bighorn I	38 lbs	58"	72"	10"x6"x72"	2	1	Yes	13'6"+	\$270.00
Bighorn II	57 lbs	85"	72"	10"x6"x85"	4	2	Yes	14'6"+	\$360.00
Small Longhorn	28 lbs	38"	60"	10"x6"x60"	0	0	Yes	11'6"-13'6"	\$185.00
Large Longhorn	30 lbs	38"	70"	10"x6"x70"	0	0	Yes	13'6"+	\$190.00
Paddle	10 lbs	60"	19"-22"	10"x3"x60"	6	1	No	11'-16'	\$70.00
Universal	80 lbs	78"	69"-72"	28"x11"x80"	2	1	Yes	13'6"+	\$345.00
Super Universal	85 lbs	82"	77"-84"	28"x11"x85"	3	1	Yes	14'9"+	\$395.00
Otter Skidguard	35 lbs	52"	56"	12"x6"x58"	4	0	No	11'-12'	\$97.50
Sprite Skidguard	42 lbs	58"	64"	12"x6"x66"	4	0	No	12'-13'6"	\$115.00

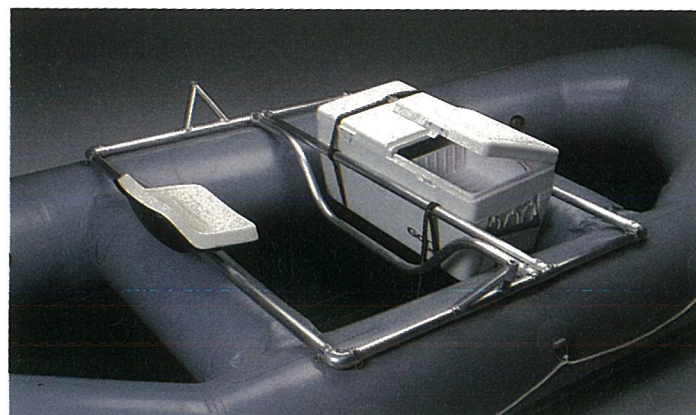
Anodized Aluminum Rowing Frames

For over ten years, NRS has been designing and redesigning rowing frames to meet the exacting demands of whitewater rafting. We are particularly proud that our aluminum frames are chosen by major river expeditions worldwide.

NRS has again revolutionized aluminum frame building by introducing anodized aluminum frames for 1987. By going directly to the factory, we have been able to reduce the cost of our aluminum stock enough so that we could get the aluminum anodized without raising the price to you. The gray anodized coating reduces oxidation, keeping the frames clean and attractive through years of hard whitewater use.

Please specify raft model when ordering your frame.

ALUMINUM FRAME SPECIFICATIONS: 6061 T-6 1 5/8" or 1 5/16" ID, .143" wall thickness aluminum tubing; cast aluminum alloy fittings; 5/16" steel fast pins; adjustable oarlock stands which fit all 5/8" oarlocks or thole pins. Guarantee: Five-year guarantee covering any defect in materials or workmanship (padded raft seats not included in guarantee). Shipped UPS/USPS.

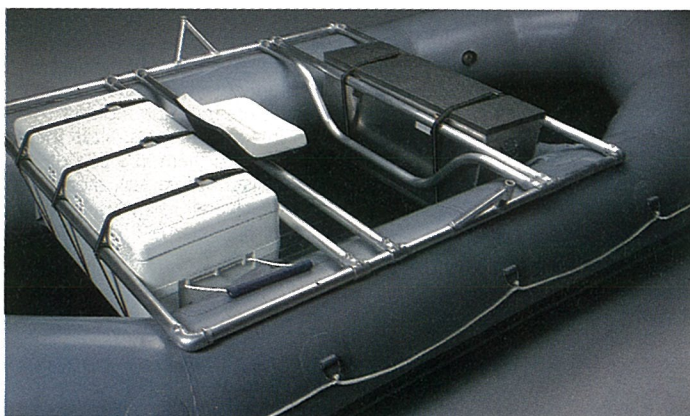


Bighorn frame with 120-qt Gott cooler

Most Popular

Bighorn Frame Straightforward design and lightweight components have made the Bighorns our best-selling rowing frames. The Bighorn I will carry one cooler or dry box that fits the width of your raft's center compartment. The Bighorn II, with the easy removal of a thwart, will hold two coolers and/or dry boxes. By popular demand, we now offer the Little Bighorn, for cooler carrying capacity in the smaller rafts.

1200 Little Bighorn	\$255.00
1201 Bighorn I	\$270.00
1202 Bighorn II	\$360.00



Bighorn II frame with 172-qt Gott cooler and Aluminum Dry Box

Need help? Call Customer Service
208-882-2383

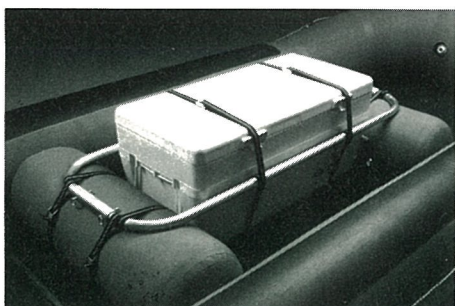


Small Longhorn frame

Day Tripping

Longhorn Frame A sensible, easy-to-use frame made specifically for short float trips.

1210 Small Longhorn	\$185.00
1211 Large Longhorn	\$190.00



Paddle frame with 120-qt Gott cooler

NRS Paddle Frame Our NRS Paddle Frame is designed to help the increasing number of paddle rafters carry a cooler and/or other cargo on their river trips. It rests lengthwise in the raft, on top of the thwarts and out of the way of paddlers sitting on the side tubes. The Frame comes outfitted with two 9' HD cooler straps and four 6' HD straps. Please note that the aluminum used to make this frame is not anodized.

1225 Paddle Frame	\$70.00
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Improved!

Spare Oar Keeper No more fussing with partial solutions! The NRS Spare Oar Keeper includes two steel safety rings, two 18" straps and a specially designed and engineered non-corrosive quick release snap with safety catch and stainless steel spring to hold your spare oar securely, yet release it instantly when needed. The quick release buckle and O-ring are suspended from your frame. Release the buckle, the oar is free, and the mechanism is still attached to the frame for quick re-rigging. If frame section diameter is more than 3" please ask for special straps (no charge). Best device yet to hold your spare oar. Each set will hold one spare oar.

1425 NRS Spare Oar Keeper (Carlisle) **\$9.95 set**

1426 NRS Spare Oar Keeper (all other oars) **\$10.95 set**



The Proven Oarlock System

A Pins and Clips: The Proven Oarlock System Beginning boaters overwhelmingly prefer pins and clips to open oarlocks. The pin and clip set-up holds the oar in position and keeps the oar blade properly aligned with the water. Some maneuvers (like feathering the oars) are not possible with pins and clips, but the advantages more than make up for the limitations, particularly with heavy loads in big water. One of these advantages is the ease in returning the oar to the oarlock if it is blasted off. The set contains two 5/8" diameter Pin Assemblies, two Oar Clips, and four Hose Clamps to secure the Clips to the oars.

1420 Pins and Clips

1421 Extra Clip w/Clamps

1422 Extra Pin

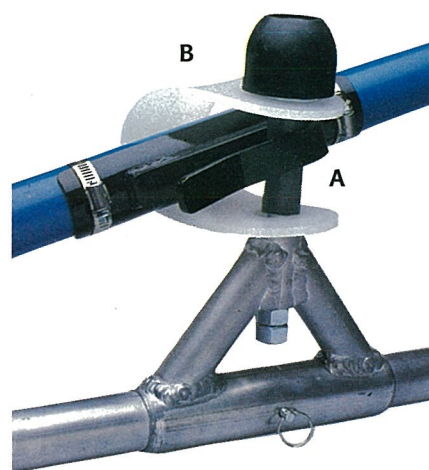
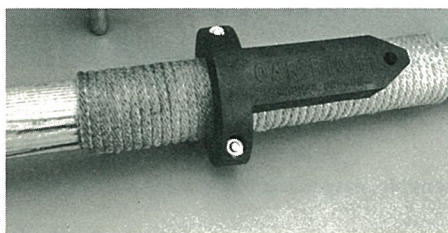
\$32.50

\$9.95 ea

\$7.95 ea

B Carlson Oar Stirrup You'll really appreciate Carlson's clever 1/4" polyethylene Oar Stirrups the next time your oar pops out at the top of a big drop. They rotate freely on the pin sleeve and let you guide the oar clip back onto the pin with one hand, reducing the chances of losing an oar.

1410 **\$11.00 pr**



Oar-Rights This is what all open oarlock users have been waiting for. The Oar-Right is a plastic oarstop that has a blade guide built right into it. With this system you get the vertical blade positioning achieved with pins and clips along with the feathering ability of open oarlocks. While the stopper is against the oarlock you have a five degree feathering range either forwards or backwards. Pull the oars inward 4 1/2" and you can feather as much as you like. Made of super strong molded nylon plastic, these stoppers will take a lot of punishment. The Oar-Right is adjustable and fits most wrapped oars. With Carlisle oars, you simply mount the Oar-Right on top of the Molded Oar Sleeve (#1405). Oar-Right has an adjustable inside diameter from 2" to 2 1/4". Held in place by stainless steel bolts with an optional lower end mounting screw (included).

1404 **\$15.00 pr**

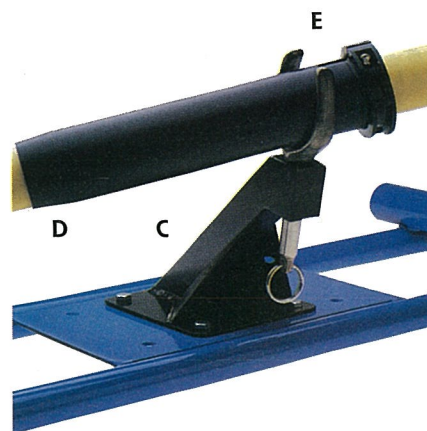


Make your own frame sturdier

C Oarlock Stand Professionally designed and manufactured for heavy-duty river use, our Oarlock Stand has a 5 1/4" square steel base with four mounting holes and a welded steel bracket that rises 6". The socket is 5/8" diameter, with a 14 degree outward tilt for correct oar angle. On homemade rowing frames, the Oarlock Stands will make an amazing difference.

1423

\$38.50 pr



D Molded Oar Sleeve If you use Carlisle Oars with open oarlocks, try Molded Oar Sleeves instead of radiator hose, clamps and stoppers. The sleeves are injection-molded polyethylene with integral stoppers. Slide them onto the oarshaft (heating them in a pan of warm water makes this much easier), then tighten the set screw. Overall length is 11", and the inside sleeve diameter is 1 7/8"; stopper diameter is 3".

1405

\$7.75 ea

E Silicon Bronze Oarlocks These horn style oarlocks spring back to their original shape if forced apart. The 5/8" diameter, 3 3/4" long shaft is drilled for a keeper; the horn opening is 2" with a 2 5/8" inner diameter. Includes a pair of Split Rings as keepers.

1408

\$22.50 pr

1409 Extra Split Rings

\$5.00 pr

Need help? Call Customer Service
208-882-2383

Foam Oar Grips If you have ever ridden a bicycle with padded handlebars, you know what a difference the foam grips make. We now offer the same comfort and increased grip for rowers. These NEO/EPDM grips greatly reduce fatigue and help if you are prone to hand blisters. Each grip is sold with a package of Lube 'n Glue for easy installation. Fits Carlisle and most other oar handles.

1403

\$2.50 ea

Carlisle Oars—The Choice of Professionals

Available in four models: Standard (6 1/2" wide), Magnum (8" wide), and Outfitter (6 1/2" or 8" wide). Outfitter blades have a thicker aluminum insert and are 60% stronger than the Standard and Magnum blades. The Standard blades are good for use with open oarlocks. The Magnum blade gives extra power to each oar stroke, especially when used with pins and clips. With Magnum blades, you can switch to an oar length one foot shorter without sacrificing power or maneuverability. The thicker aluminum insert in the Outfitter blade adds 6 oz of weight, but is preferred by rafters rowing big boats with heavy loads.

All Carlisle rafting oar shafts and blades are sold separately. To order a complete oar, please list the catalog number for both the shaft length (and color) and the blade model (and color) desired. **Please note:** Shaft length as listed indicates the length of the oar with a blade in place, not the actual length of the shaft.

A 6 1/2" Blades

1345	Yellow Standard	\$27.50
1346	Blue Standard	\$27.50
1347	Black Standard	\$27.50
1348	Red Standard	\$27.50
1360	Yellow Outfitter	\$32.50
1361	Blue Outfitter	\$32.50
1362	Black Outfitter	\$32.50
1363	Red Outfitter	\$32.50

B 8" Blades

1350	Yellow Magnum	\$27.50
1351	Blue Magnum	\$27.50
1352	Black Magnum	\$27.50
1353	Red Magnum	\$27.50
1365	Yellow Outfitter	\$32.50
1366	Blue Outfitter	\$32.50
1367	Black Outfitter	\$32.50
1368	Red Outfitter	\$32.50

Shafts (please see last paragraph above)

1300	7' Yellow	\$24.00
1301	7 1/2' Yellow	\$25.00
1305	8' Yellow	\$33.50
1306	8' Blue	\$33.50
1307	8' Red	\$33.50
1308	8 1/2' Yellow	\$36.00
1310	9' Yellow	\$38.00
1311	9' Blue	\$38.00
1312	9' Red	\$38.00
1313	9' 2-piece Yellow	\$42.50
1314	9 1/2' Yellow	\$41.50
1315	10' Yellow	\$44.00
1316	10' Blue	\$44.00
1317	10' Red	\$44.00
1318	10' 2-piece Yellow	\$48.50
1320	11' Yellow (MF Collect)	\$50.00

C Carlisle Oar Extenders Snap onto the end of a Carlisle oar shaft to lengthen them a foot. Very convenient—especially if you want to move up a boat size without buying new oars.

1370	Yellow	\$11.50
1371	Blue	\$11.50
1372	Red	\$11.50

During the last six years, Carlisle aluminum oars have virtually replaced wooden oars in the hands of both private and professional river runners. They are maintenance-free and very rugged, with removable blades to make storage and transport of the oars easier. Carlisle makes oars in several models: Our 7' and 7 1/2' Carlisle Oars are the heavy duty rafting model, with a shaft constructed from extra thick wall (.058") 6061 T-6 aircraft aluminum. The 8' and longer Carlisle Oars that we sell are extra-heavy duty, adding a 6061 T-6 aluminum reinforcing inner shaft (.058") for maximum strength in heavy whitewater use. The Carlisle rafting oar shaft is 1 7/8" in diameter and is polyethylene-clad to protect the aluminum shaft from nicks, dents, and oxidation.

Carlisle's one-piece molded polypropylene handle has a long shaft insert for greater strength. New for 1987, Carlisle has added foam oar grips to all their oars. The STM II blade material is light, strong, resilient and treated with an ultraviolet inhibitor for long life. An aluminum insert extends the full length of the blade for additional reinforcement. The blade locks securely into the shaft with a sturdy push-button mechanism and can be removed quickly for transport, storage, or replacement.

We also have 9' and 10' yellow Carlisle shafts in a take-down version that is especially convenient for fly-in trips or whenever space is limited. The two-piece shaft locks together with a push-button and accepts any Carlisle removable blade.

All oar lengths up to and including 10' can be shipped UPS; 11' oars must be shipped motor freight collect. We stock yellow shafts in all lengths; yellow, blue, and red shafts are available in the 8', 9' and 10' lengths. All 6 1/2" and 8" blade models are available in yellow, blue, black, or red.

D Sawyer Wood Oars Ralph Sawyer, well-known Oregon paddle craftsman, is now manufacturing high quality, laminated Douglas Fir rafting oars. Ralph builds them strong and lightweight (25% lighter than ash oars) and his lamination technique guarantees straight oars every time. Sawyer Oars have excellent flex and resiliency and come to you already varnished. They include foam oar grips for rowing comfort. 8' and longer must be shipped motor freight collect.

1385	7'	\$33.00 ea
1386	7 1/2'	\$35.50 ea
1387	8' (MF Collect)	\$58.00 ea
1388	9' (MF Collect)	\$69.00 ea
1389	10' (MF Collect)	\$85.00 ea

More Oars on page 16



Canoe & Raft Paddles

16

Raft Paddles

We've found both the Mohawk and Carlisle paddle to be excellent for rafting. They are also very satisfactory canoe paddles. Rafter usually want longer paddles (56" to 66") in order to reach over the large buoyancy tubes of big rafts, while canoeists prefer shorter lengths.

Special: Buy any three (or more) paddles and save \$1.00 off the price of each paddle!

A Carlisle STM Paddle Favored by most outfitters because of its exceptional durability. 8" x 20" blades are made of a plastic which is resistant to UV (ultraviolet) degradation. 1 1/8" diameter aluminum shaft is fully coated with high density polyethylene to provide a warmer grip, and protect the shaft from nicks, dents and oxidation. T-grip handle; weighs 2 lb 6 oz (60"). 56", 60", 66" lengths.

1515 56" or 60" \$21.40
1517 66" \$22.40

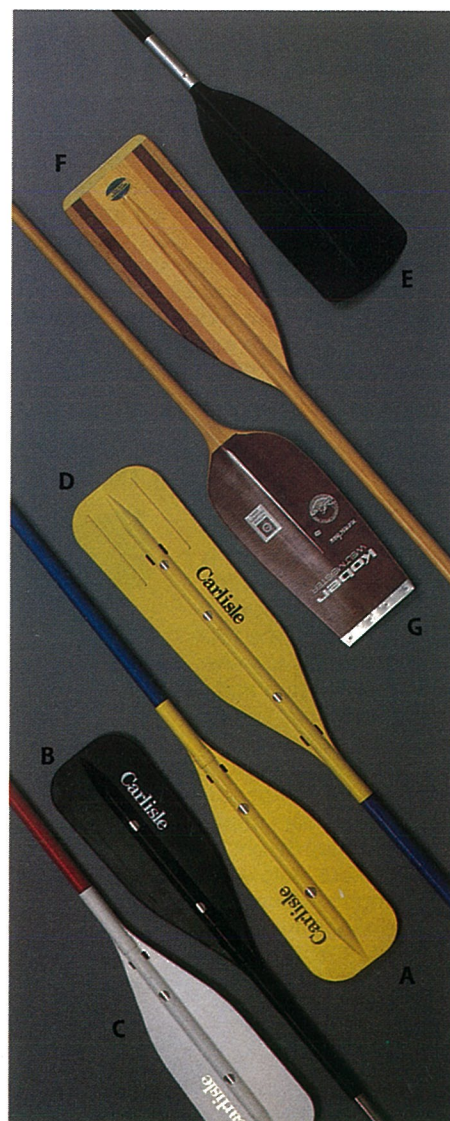
Our Most Popular Paddle

B Carlisle Economy Paddle The Carlisle Economy Paddle is an excellent buy if you're looking for an inexpensive, lightweight, sturdy paddle. It features an 8" x 20" polypropylene blade that is fully reinforced by the 1" diameter aluminum shaft, a comfortable T-grip handle and plastic sheath grip. A very light paddle at 1 lb 13 oz (54"), as light as some wooden paddles but at half their price. 54" or 60" lengths.

1500 54" or 60" \$11.85

C Carlisle Standard Paddle Carlisle uses a high quality polypropylene material in the 8" x 20" blade of this paddle to cut down the weight and still retain strength. The aluminum shaft extends to the end of the blade and is completely sheathed with polyethylene. These features, and its economical price, make this Carlisle's most popular paddle for both rafting and canoeing. Blue shaft with yellow blade or red shaft with white blade, T-grip handle; 56" and 60" lengths.

1505 56" or 60" Blue & Yellow \$15.40
1510 56" or 60" Red & White \$15.40



D Carlisle Guide Paddle This paddle's strength and extra-large blade are friends to rely on in demanding whitewater. 60" or 66" length, T-grip handle, polyethylene clad 1 1/4" shaft with 8" x 26" reinforced STM polyethylene blade. Provides comfortable handling and enables you to reach the water from the elevated stern of a raft. This is the strongest rafting paddle we carry. Available in 60" and 66" lengths.

1520 60" \$32.25
1521 66" \$33.25

Canoe Paddles

E Mohawk Paddle The Standard Mohawk paddle has a rugged 8" x 20" plastic blade with just enough flex. A stiff metal blade insert is crimped onto the shaft to eliminate slippage. 1 1/8" diameter anodized shaft has a heat-shrink vinyl grip and T-grip handle. Weighs 2 lb (60"). 54", 57", 60", and 63" lengths. Magnum version has a 9" wide blade for more power per stroke.

1540 Standard-54", 57", 60", 63" \$15.95
1545 Magnum-54", 57", 60", 63" \$19.95

F Sawyer Whitewater Paddle An excellent wooden paddle designed for the whitewater open canoeist or C-1 paddler. This quality wood paddle can mean the difference between fun and drudgery when you're canoeing all day long. Features 8 vertical blade laminations with hardwood edges and fiberglass tip for extra durability. Laminated oval shaft and uni-grip handle for a positive grip and comfortable paddling. Blade measures 8 1/2" x 22", 1/4" thick. 54" or 60"

1550 54", 60" \$43.50

G Kober Monschau For years the Monschau has been the standard among Eastern C-1 and open canoe paddlers for strength and performance. Using spruce/ash laminations and mahogany veneers the Kober craftsmen have built the paragon of canoe paddles. Like the Moldau kayak paddle, the Monschau blade end is capped with aluminum. Sculpted synthetic T-grip handle is shipped unattached so you can create your own custom length (54" to 64") paddle. We recommend two part epoxy to attach the handle to shaft. (Epoxy not included).

1593 \$85.00

H Carlisle Take-Apart Paddles Carlisle Take-Apart Paddles feature 1 1/8" diameter polypropylene-covered aluminum shafts that are comfortable for all-day use. 8" x 20" aluminum reinforced blades are durable; push-button joint locks the paddle together securely, and opens easily for transport. Convert the 7' breakdown into two 60" paddles with the long adapter handles. Short adapters convert the 8' into two 60" paddles or the 9' into two 66". (9' breakdown is excellent for solo canoeing).

1525 7' \$31.50
1526 8' \$31.50
1527 9' \$31.50
1530 Short Adapters \$9.95
1531 Long Adapters \$9.95

More Oars

NRS Fiberglass Oar Shaft Durable and lightweight, our new fiberglass oar shaft has the flex of a wood oar without the maintenance problems. This shaft is designed to accept any of Carlisle's removable blades, so that you can have the choice of two different blade sizes. (Blades sold separately, see p 15). 9' length with blade in position. (Yellow).

1330 \$65.00

6' Economy Oar Carlisle Economy oars feature a specially formulated black plastic blade and handle designed for durability, light weight, and economy. The non-removable blade is 5 1/2" wide and the unsheathed, 1 3/8" shaft is built of rigid, thick-wall tempered aluminum. These oars will do a fine job propelling your Otter, yachting dinghy, or other small boat around the lake or down a river.

1375 \$16.50 ea

Carlisle Lifeguard Oars A high quality, light-duty oar for people who do not need the tremendous strength of Carlisle rafting oars. Widely accepted by professional lifeguards for off-shore use, they are a good choice for small boats on the slower rivers. Maintenance free with a polyethylene-clad 1 5/8" diameter aluminum shaft. Wynn clamping oarlocks fit perfectly on these oars. 26" x 6 1/2" STM blade is included, and installs easily with a roll pin to create a strong, one piece oar.

1380 7' \$45.00
1381 8' \$49.00
1415 Wynn Oarlocks \$12.00 pr

Kayak Paddles

The Finest in Whitewater Paddles

I Harmony Paddle The Harmony is a strong, lightweight kayak paddle. Curved spoon blade (8" x 18") is great for precise maneuvering, and is constructed of epoxy-impregnated fiberglass cloth with an internally laminated aluminum tip for greater durability. Ovalled shaft helps orient your hands; slight shaft flex absorbs paddling shock. The Take-Apart features a locking push-button center joint that lets you set the paddle for left or right hand control. 200 cm, 204 cm, 208 cm and 212 cm lengths. Average weight 2 lb 12 oz.

In addition, Harmony offers a dihedral shaped blade for ease of handling and smooth paddling. The Harmony Dihedral blade gives you the power you need for backstroking.

1560 Take-Apart-200, 204, 208, 212 **\$128.50**

1565 Standard-200, 204, 208, 212 **\$119.00**

1570 Dihedral-200, 204, 208, 212 **\$119.00**

Hot from Europe

J Schlegel Paddles These high-tech kayak paddles feature fiberglass-foam sandwich blades with durable inlaid aluminum edges and ovalled aluminum shafts with heat shrink grips. Synthetic blades feel and handle like fine wood paddles. Super Slalom has a smooth, waterface dihedral blade for snapping off a quick roll. 200 cm, 204 cm and 208 cm lengths.

1555 200, 204, 208cm **\$116.00**

K Wenatchee The Wenatchee is the most popular whitewater paddle in the western US. The narrow dihedral, 80 degree feathered blade are original Werner Furrer designs created to offer support and efficiency to the paddler's natural stroke. Blade tips are double-reinforced and rounded to reduce twist and increase durability. Flat back rib for excellent backstroking power. Available in 202cm, 204cm, 206cm, and 208cm.

1575 202, 204, 206, 208cm **\$130.00**

Wood Paddles from Kober

L Kober Moldau For whitewater kayakers in search of the best in wood paddles, we offer the Kober Moldau from Germany. The Moldau has proven itself over the years as one of the most popular paddles on the international slalom circuit. Shallow spoon blades feature spruce laminations covered with a mahogany veneer. Super tough aluminum tip provides protection for blade ends. The shaft is constructed of laminated ash and spruce for strength and good flex, then ovalled for paddling comfort and efficiency. If you are after the finest in wood paddles, the Kober Moldau is for you. 200, 204, 208 and 212 cm lengths.

1595 200, 204, 208, 212cm **\$125.00**

Sea Kayak Paddles

Werner Furrer Sea Kayak Paddles

M Little Dipper The Little Dipper from Werner Furrer is a beautiful paddle that is designed to require less force to pull through the water while at the same time reducing flutter and wind resistance. This is an efficient paddle that will enhance an experienced paddler's skills. Sea kayakers will appreciate the Little Dipper because of its clean lines and excellent performance. Available in 96", 100" and 106"; take apart shaft with a secure locking joint.

1585 96", 100", 106" **\$148.00**

N Arctic Wind This paddle combines the time proven fine lines of Aleut and West Greenland paddles with the high tech materials and construction methods of modern times. The Arctic Wind is constructed with a solid wood core backing and sharply ribbed face, providing strength and rigidity for smooth powerful strokes. The elongated blade helps maintain travelling speed with minimal paddling effort. Blade tapers from 1 1/2" to 3 1/2" at the widest and is 30" long. Available in a 9' take-apart style with a secure locking joint.

1589 **\$148.00**

O San Juan Werner Furrer designs his sea kayaking paddles for both expedition and day trip use. The San Juan has an asymmetrical, curved dihedral blade and is considered one of the best general touring paddles available.

"The best feeling synthetic paddle I've ever laid my hands on. The San Juan is a masterful blend of intelligent design and craftsmanlike construction."—James Chute in *Canoe Magazine*.

Take-apart shaft with secure locking joint; 7'6", 8', 8'6" lengths.

1580 7'6", 8', 8'6" **\$148.00**

P Carlisle Sea Kayak Paddle Just the ticket for long stretches of open water paddling. The blade is narrower and longer than Carlisle's standard kayak paddle, measuring 5 1/2" x 26". This blade design means less wind resistance and easier paddling over long distances. Takes apart for convenient storage. Beige blade, blue shaft; 8' or 9' lengths. Weighs only 3 lb 12 oz in the 8' length.

1535 8' **\$31.50**

1536 9' **\$31.50**

Q Regatta The Regatta is a strong, lightweight touring paddle built with the best laminated spruce and ash. Asymmetrical blade enhances the flex of the wood shaft. The naturally warm wood shaft won't rob your hands of warmth the way a synthetic shaft will, so the paddler can maintain a comfortable stroke for hours. Take-apart shaft with secure locking joint. 7'6" and 8' lengths.

1590 7'6", 8' **\$135.00**



Need help? Call Customer Service
208-882-2383

18 Dozens of Uses? Hundreds of Uses!

A Heavy Duty Straps Our Heavy Duty Straps have been used for so many varied applications that we have lost count. For easy identification, we have added a tab that shows the length. These straps have a thumb release, spring-loaded 1" cam action buckle that holds the web very securely at the desired tension. Though these buckles are not designed for climbing applications, the buckle is made for us in West Germany by one of the world's leading manufacturers of high strength equipment for parachutists, mountain climbers and others who need the very finest equipment. Last year a number of companies started selling HD buckles. While some are good quality, others have not held up. Rest assured that our buckles are the very finest on the market today.

The cast zinc rustproof buckles have a load capacity in excess of 500 lb. The limiting factor on most straps is the tendency of the webbing to slip past the teeth on the buckle. You will notice that all our straps use the special weave blue and yellow polypropylene that provides the best grip surface for the cast "teeth" in the thumb release buckle. It resists weathering, abrasion, and stretching and has a tensile strength of 750 lbs. While these straps are more expensive than others, they are worth it for the added safety and strength.

Try some of these straps on your next river trip—the two or three foot straps are just right as raft frame tie-downs, and the longer straps do an excellent job of lashing gear to your raft. They also work well for holding down car-top loads. For those who want custom length straps, more intricate cargo systems, or even durable, attractive belts, we offer the Heavy Duty Cam-Action Buckle and 1" Heavy-Duty webbing separately.

1440	2' HD Strap	\$2.35
1441	3' HD Strap	\$2.55
1442	4' HD Strap	\$2.70
1443	6' HD Strap	\$3.10
1444	9' HD Strap	\$3.60
1445	12' HD Strap	\$4.20
1446	15' HD Strap	\$4.80
1447	20' HD Strap	\$5.80
1450	1" HD Webbing	\$2.50/ft
1451	HD Buckle	\$1.75



B D-Ring Patch Achilles developed these one-piece, web-reinforced, Hypalon D-ring patches. The 9 1/2" Hypalon patch secures a 3" stainless steel D-ring, the 6 1/2" patch has a 2" D-ring, and the 3 1/2" patch a 1" D-ring. (2" and 1" patches available in gray or black). Two-year guarantee. Supplies are limited.

1455	1" Black	\$7.00
1456	1" Gray	\$7.00
1457	2" Black	\$16.00
1458	2" Gray	\$16.00
1459	3" Gray	\$17.50

C Otter/Sprite/Scout D-Ring Patch 6" diameter D-ring patch made of EPDM-type material with a sewn-on 1 3/4" steel D-Ring. Ready to glue onto your boat.

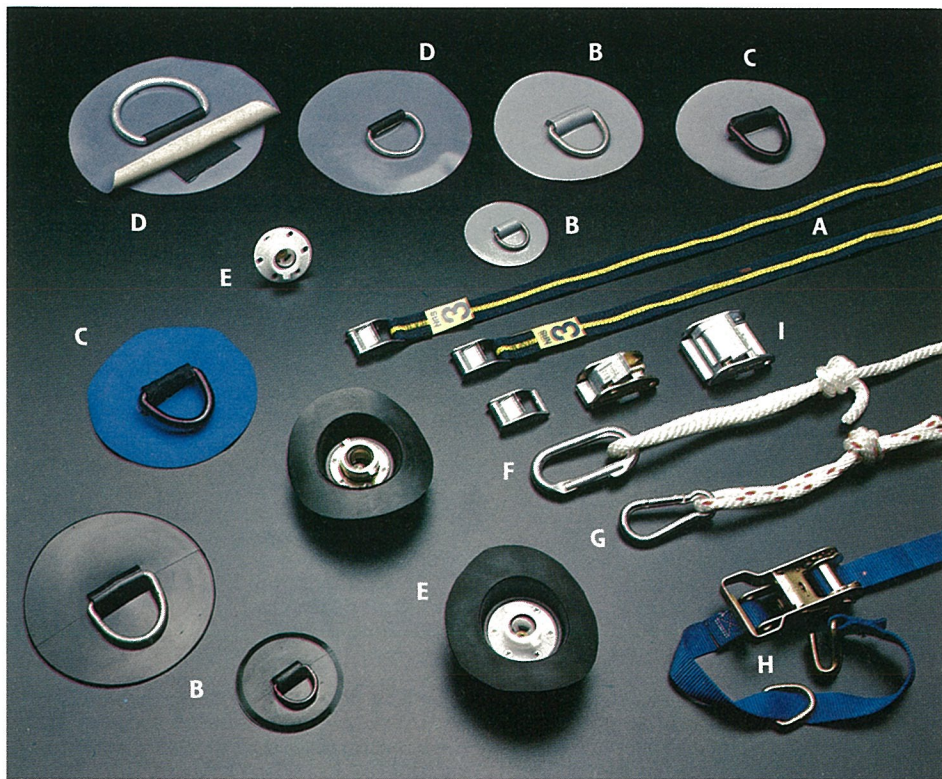
1465	Blue	\$5.50
1466	Gray	\$5.50

D Unglued D-Ring Patch 1 3/4" steel D-ring is secured by nylon webbing sewn to a 6" patch of Hypalon raft material, with a 7 1/2" patch of Hypalon material over the top. Just glue the top patch to the bottom patch and it's ready to glue to your raft. We have a larger version of the Unglued D-Ring Patch featuring a 3" steel D-ring sewn to a 7 1/2" patch with a 9" patch of Hypalon material over the top.

1467	1 3/4" D-ring	\$6.95
1468	3" D-ring	\$9.95

E Nylon Valves Standard size replacement military valves with the six-hole mounting pattern fit almost any raft with military style valves. Available with or without boot.

1480	Nylon Valve	\$5.40
1481	Nylon Valve with Boot	\$8.50



F Carabiner Developed originally for climbing, these carabiners make excellent boating accessories. Use them to clip a gear bag to a line or D-ring so it's secure yet accessible. They are made of rust proof aluminum and stainless steel, with a spring-loaded gate that accepts rope sizes up to 5/8".

1430	\$4.20
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G Mini-Carabiner These carabiners are as functional as they are affordable. The perfect boating accessory to attach gear to your raft's D-rings, with a spring-loaded gate that can be used with ropes up to 5/8".

1431	\$2.50
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Mini-Lash 15' long ratchet-tightened cargo tie-down rated at a 2,000 lb load capacity, the Mini-Lash is great for securing your rowboat to a trailer or holding down car-top loads. Features a built-in ratchet safety lock.

1435	\$8.75
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H Mini-Ratchet The Mini-Ratchet assures a secure tie-down for large loads. Commercial outfitters use them to secure fully inflated rafts being hauled to and from the river. The Mini-Ratchet has a 20' long 1" wide HD strap (rated at a 2500 lb load capacity) and a ratchet-tightener with patented safety lock that prevents release under shock or vibration.

1436	\$18.75
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I Heavy-Duty Cam Buckles Cast alloy, rustproof buckles are just what you need to make your own straps or other cargo systems. The spring-loaded, thumb-release buckle with convenient cam action has "teeth" on the cam to securely hold your webbing strap. The 1" and 2" sizes have a respective load capacity of 1800 and 3000 pounds.

1452	1" Cam Buckle	\$3.15
1453	2" Cam Buckle	\$3.65



TOLL FREE ORDER LINE
800-635-5202



Adhesives, Paints, and Cleaners

We have found Shore Adhesive and Carboline F-1 Neoprene Adhesive to be good all-purpose, one-part adhesives for use on Hypalon, Neoprene, and other rubber materials. The 3M adhesive has the highest heat tolerance and greatest peel strength of the one-part adhesives. Bostik two-part adhesive is recommended by Avon and is probably the strongest adhesive available.

Painting a raft prolongs material life by providing abrasion resistance and protection from ozone and UV deterioration. The Aluminum Coating is the easiest to use because it is a bit thinner, while the thicker Gray Coating provides a little more abrasion protection. Since neoprene coatings don't bond well to Hypalon, we recommend their use only on rafts manufactured in neoprene or EPDM (like Udisco or the NRS Otter). Use the GACOflex Hypalon Coating for painting Hypalon rafts (it can also be used on neoprene or EPDM surfaces). We offer it in Red-Orange and Gray. Figure on one gallon of coating to cover the tubes of a large raft. Thinner/cleaner, as the name implies, is used to thin the coatings and also to clean the raft before painting or patching. **Caution:** Be sure to allow adequate drying time (up to a week) after painting. (Note: all these items are flammable and can only be shipped surface UPS or motor freight).

E GACO Thinner/Cleaner

1922	Quart	\$10.00
1923	Gallon	\$22.95

Wear Patch Material Use this 1-mm thick synthetic rubber for raft frame patches, floor seam protector, and stable seating on slick rafts. Approximately 9" wide and sold by the running foot.

1975		\$1.50 ft
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PVC Cement & Cleaner This is the glue for PVC rafts such as the Whitewater Manufacturing boats. The Catalyst can be mixed with the PVC Cement (PM107) for high load stress seams. (Flammable; no parcel post or air shipments.)

1910	Cement Pint	\$11.00
1911	Cement Quart	\$18.00
1912	Cleaner Pint	\$5.00
1913	Cleaner Quart	\$7.70
1914	Catalyst 8 oz	\$14.50

Vynabond Vinyl adhesive good for repairing waterproof bags or attaching D-rings to Tahitis, ABS canoes, etc. (Flammable; no parcel post or air shipments.)

1915	2 oz Tube	\$3.25
1916	12 oz Can	\$9.00

F Raft Material Prices are per running foot. See the Raft Chart (p 11) and the individual raft descriptions (pp 2-10 for detailed specifications).

No.	Type	Color	Price (Per Ft)
1959	Otter	Blue	\$7.00 ft
1960	Otter	Gray	\$7.00 ft
1962	Sprite/Scout	Blue	\$8.00 ft
1963	Sprite/Scout Floor	Black	\$10.00 ft
1964	Achilles	Gray	\$12.00 ft
1965	Achilles Floor	Black	\$15.50 ft
1966	Super Sprite/Scout	Blue	\$9.00 ft
1967	Sport	Blue	\$12.50 ft
1968	Riken	Gray	\$12.95 ft
1969	Riken Floor	Black	\$13.95 ft
1970	River Rider	Blue	\$9.00 ft
1971	Avon	Gray	\$18.35 ft

ALL ADHESIVES, THINNERS AND COATINGS ARE TOXIC AND MUST BE KEPT OUT OF THE REACH OF CHILDREN

G Carboline Adhesive

1900	3 oz tube	\$3.25
1901	Pint	\$8.95
1902	Quart	\$15.25

3M Adhesive

1908	5 oz tube	\$6.00
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Bostik Two-Part Adhesive

1905	1/4 liter	\$12.50
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H Shore Adhesive

1906	Pint	\$7.95
1907	Quart	\$14.25

GACO Aluminum Coating

1930	Quart	\$15.00
1931	Gallon	\$47.50

GACO Gray Coating

1932	Quart	\$14.50
1933	Gallon	\$47.00

GACOflex Reddish Orange

1938	Quart	\$16.50
1939	Gallon	\$49.50

GACOflex Gray

1936	Quart	\$16.00
1937	Gallon	\$48.00

Black Lettering Paint

1940	Quart	\$14.50
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Raft Cleaner High quality cleaner formulated especially to prepare the surfaces of inflatable boats for repair or painting. It will not work as a paint thinner.

1920	Pint	\$4.95
1921	Quart	\$6.95

No matter what material or adhesive you use, follow these steps when repairing a raft:

1. Cut a suitably sized patch. (Patch edges should be at least 2" from the hole on all sides).

2. Clean both surfaces with raft cleaner or thinner/cleaner. (Protective silicone coatings such as Armorall can also be removed with sudsy ammonia.) Then roughen the surfaces slightly (both boat and patch) with a rasp or sandpaper.

3. Apply the adhesive on both surfaces and let dry (check instructions on the glue for proper drying time).

4. When the adhesive is dried beyond tackiness, press the glued surfaces together with a roller. The more forceful the contact, the better the bond.

5. If at all possible, allow at least four hours for the patch to cure.

A Sewing Awl Useful for repairs of all kinds. A pair of needles and 20 yds of thread packed neatly into the wooden handle for easy access and storage.

1992	Awl	\$4.95
1993	Extra Needles	\$2.50 pr
1994	Extra Thread	\$1.25

B Pro Roller The large wooden handle of the Pro Roller is more comfortable to grip than the Roller Rasp, especially for those big repair jobs.

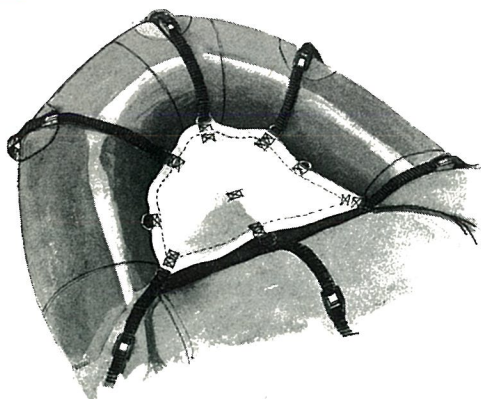
1991		\$4.25
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C Roller Rasp With this handy repair instrument, you can rasp the material before applying glue, then run the roller over the patched surface to get a good bond.

1990		\$1.95
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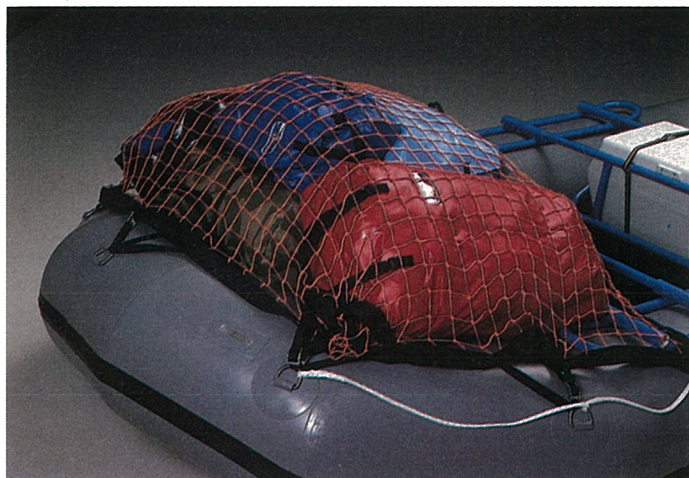
D Repair Kits All kits include a 6"x48" piece of material, a roller rasp, an assortment of small patches, patching instructions, and a 3 oz tube of Carboline adhesive, packed in a wide-mouth Nalgene poly bottle. Flammable; surface UPS or motor freight only.

No.	Material	Price
1979	Otter—Blue	\$13.50
1980	Otter—Gray	\$13.50
1981	Sprite/Scout	\$14.00
1982	Achilles	\$15.50
1983	Super Sprite/Scout	\$15.00
1984	Riken	\$15.95
1985	River Rider	\$14.85
1986	Avon	\$17.10
1987	Sport—Blue	\$15.50



Cargo Platform Our Cargo Platform is made of a mesh material so water will not collect on the platform and your gear won't sit in a puddle. Six adjustable heavy duty webbing straps beneath the platform make it strong enough to support large loads. You can raise or lower the platform to meet your needs with the six 6' straps that are included to attach the cargo platform to the raft. Four sizes available: Small fits boats up to 11'6"; Medium from 11'6" to 13'6"; Large from 13'6" to 15'6"; X-Large from 15'6" to 18'. When not in use, the platform folds into a compact bundle.

1805	Small Platform	\$32.00
1806	Medium Platform	\$33.50
1807	Large Platform	\$35.00
1808	X-Large Platform	\$36.50



Secure Bracing

NRS FootHold Serious paddlers can now brace with confidence and safety with the NRS FootHold. Made from tough, raft floor material reinforced with 1 3/4" webbing for strength, FootHold's conical construction eliminates entrapment danger. Glue the FootHold to your raft floor for stability in the most demanding whitewater. Home-built rowing frame missing a foot brace? Try the NRS FootHold instead.

1810	FootHold	\$10.00
	Two or More FootHolds	\$9.00 ea

Hinged NRS FootHold Your suggestions made the new Deluxe NRS FootHold possible. Thank you. The major advance has been a new hinged design so that the paddler is able to get a better "grip" on the boat by simply raising his toes. The Hinged FootHold allows the paddler to use an extra strong brace when descending challenging whitewater. Determine the proper position of the FootHold on the floor of your raft, glue it in place, and you're ready to go.

1811		\$8.50
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Cargo Net The fastest and easiest way to get going in the morning. Toss it over the gear, cinch down the HD Straps, and you are on the way. One of our most popular items. Try it with the Cargo Platform for a total cargo system. 2 1/2" polypropylene mesh bordered with durable 2" poly web. Measures 60" x 80" with nine 4' HD Straps with cam-action buckles for fastening to the D-rings of your raft. (That's almost \$25.00 worth of HD Straps). The Super Cargo Net (70" x 90"), is designed for boats 16' or longer.

We offer the Cargo Net in both sizes without HD Straps. Just weave a rope through the D-rings and net for a quick simple way of securing your gear.

1800	Cargo Net w/o HD Straps	\$27.75
1801	Super Cargo Net w/o HD Straps	\$29.50
1802	Cargo Net	\$45.00
1803	Super Cargo Net	\$46.75



A Put-Out Bag Heavy-duty nylon mesh with a full length zipper, the Put-Out Bag by Perception allows air flow around your bulky, wet gear at trip's end. Handy zippered pocket for smaller items. A practical bag for any river trip or outing. 24"L x 18"D.

1862		\$23.95
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B Drawstring Mesh Bags Mesh bags are great for keeping your favorite beverage cans cool in the river. Perfect for organizing your gear for easy access. Two sizes: Small (16" x 26") and Large (22" x 34").

1855	Small Mesh Bag	\$6.95
1856	Large Mesh Bag	\$8.95

C Handy Catch-All Mesh Duffle Great for organizing your personal gear. Sturdy mesh fabric with zipper opening for easy access. Permits plenty of air circulation for quick drying. Two sizes; Small (12" x 27") and Large (16" x 32"). One is right for you!

1850	Small Mesh Duffle	\$17.75
1851	Large Mesh Duffle	\$19.75

Easy Bailing

Thirsty-Mate Bilge Pump will not corrode or mar your boat. The Thirsty Mate is self-priming, easy to clean, and pumps 10 gal/min. 24" long, 1 3/4" diameter with a 24" hose. Not pictured.

1840		\$16.50
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The Guzzler The "Guzzler" Mountable Bilge Pump is designed to mount on your raft frame for quick one handed use. Injection molded DuPont Delrin, anodized aluminum handle and reinforced valves. Pumps up to 15 gallons per minute with a 1 1/2" ID hose. Not pictured.

1841	Guzzler	\$42.50
1842	1 1/2" Vinyl Hose	\$2.25/ft

Bowline Bag A Sturdy 8" x 12" nylon bag to store the bowline on your raft. Features a drawstring closure and nylon mesh bottom. Attach to your raft's D-ring for quick access. Mini-Carabiner included.

1820		\$12.50
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Bowline Bag Set Comes complete with Bowline Bag, Mini Carabiner, and your choice of 50', 75', or 100' of 3/8" Proline rope. A must-have accessory on your next rafting trip.

1821	Bowline Bag Set-50'	\$22.50
1822	Bowline Bag Set-75'	\$26.75
1823	Bowline Bag Set-100'	\$30.75

A Carlson Barrel Pump When you're out on the river and away from electricity, you want to spend the least time and energy possible pumping up your raft. The high-volume Carlson Barrel Pump is the answer. Sturdy PVC components with brass valves and rubber O-ring gasket. Completely immersible. Stands 2' high, has a 21" stroke, and is fitted with a 6' non-kink hose. Two sizes: 4" and 6 1/2" diameter. 10-year guarantee.

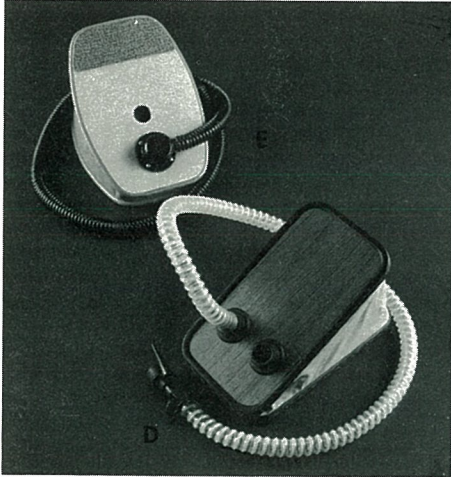
1710 4" Diameter \$95.00
1711 6 1/2" Diameter \$115.00

B Mini Wonder Pump This 9" x 3", 3 PSI low volume/high pressure piston action pump is great for topping off rafts or as a take-along pump for inflatable kayak trips. It is small enough to store almost anywhere and durable enough to handle the abuse of most river trips. Features both an inflation and deflation nozzle, and comes complete with hose and adapters to fit most valves.

1731 \$22.50

C LVM Blower Runs off any 12 volt battery and delivers a minimum of 20 cu ft/minute. Reaches maximum pressure of 3 psi. Housed in a glass-filled polycarbonate giving high mechanical strength and durability. Includes 9' heavy duty cable with insulated crocodile clips. Four nozzles are supplied to fit most any kind of valve.

1720 \$74.50



D Budget Foot Pump The Budget Foot Pump is good for use with smaller rafts and inflatables. The bellows are constructed of strong rubberized material and the wooden footplates are coated with plastic for water resistance. Complete with a 5' non-kink hose, rubber adapter for military valves, and a 3-part nozzle to fit most other valves. Modestly priced.

1706 \$25.00

E Avon Foot Pump Following the tradition of Avon rafts, the Avon Foot Pump sets the highest standards in materials and workmanship. Bellows plate is 7/16" laminated marine plywood with a non-slip vinyl pad. Bellows are made of Avon Hypalon material; 55" heavy-duty non-kink hose. Nozzle fits military valves. Carries Avon's one-year guarantee.

1705 \$76.50



Inflation Gauge Solid inexpensive gauge for any raft with military or other 1" valves. Reads from 1 to 14 psi. Don't blow up your boat, inflate it! Military valve adapter included.

1717 \$11.50

F Big Blower With a 110 volt, 6.5 amp AC electric outlet available, this is the fastest way to inflate or deflate your raft. Fits military valves and puts out 60 cu ft/minute at 3 psi. Universal 1 HP, 115 volt motor with precision bearings in a lifetime lubricant. 30' "safety-yellow" cord with a molded grounding plug. Handy thumb switch permits one-handed operation, leaving the other free to close the raft valve. One-year manufacturer's guarantee.

1721 \$99.00



G Wonder Pump You'll appreciate the technology used in this top quality, double-action, "Wonder" pump. Tough lightweight plastic, with a 5' non-kink hose. Three-part adapter fits military style and most other valves. 3 3/4" bore, 13" stroke.

1716 Double Action \$39.75
1715 Single Action \$24.50

H Aire Pump We've been testing Dowco's redesigned Aire Pump and we are convinced that it's now one of the best. New steel fan blade won't warp under prolonged use; tough ABS casing is vented to reduce heat build-up. Operation is quick and simple; attach to a 12 volt battery and it produces up to 1 psi. Inflates a 14' raft in under five minutes. Includes adapters for military and other valves. Good for air mattresses and small inflatables. One-year limited warranty.

1726 \$29.50



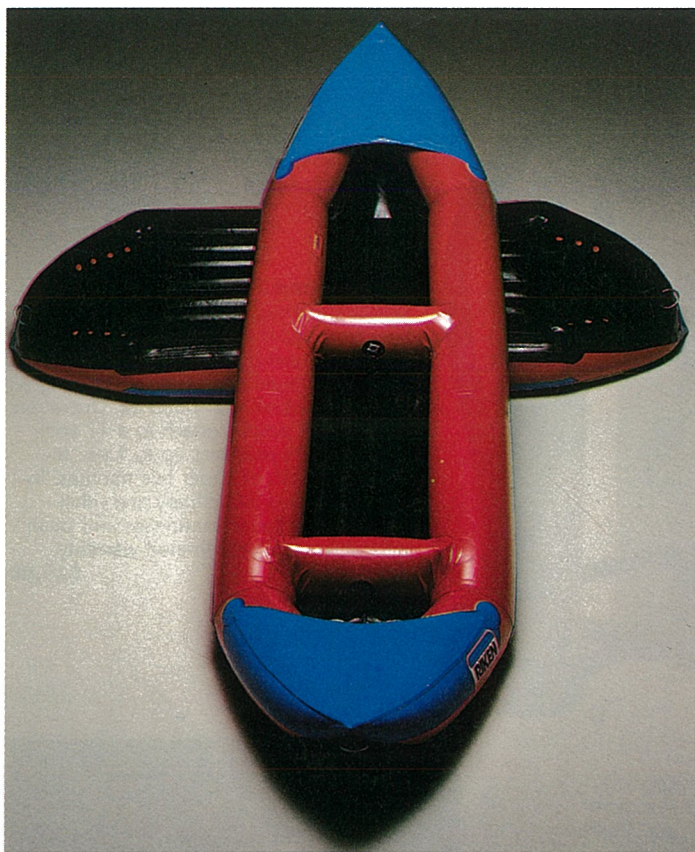
German Quality at a NRS Price!

NRS Foot Pump Built to high standards by the leading German manufacturer of quality foot pumps, our NRS Pump has a hard rubber body molded over a steel shank to make it virtually indestructible. Zodiac, one of the world's leading manufacturers of sportboats, specifies it for their larger models. The pump's 250 cubic inch volume makes for rapid inflation.

The NRS Foot Pump has Trevira bellows coated with synthetic rubber, 8" x 12" rubber-coated steel foot plates and steel hinge, inflation and deflation ports, and a 54" clear vinyl hose with a 4-part adapter to fit almost any type valve. We have yet to find a pump that's more rugged and reasonably priced than this one.

The NRS Tee Adapter combines the power of two NRS Foot Pumps. Just hook up the hose from each foot pump to the tee and the third end with an adapter for your inflatable. Get your raft blown up more quickly, and your morning jogging done at the same time. Buy two NRS Foot Pumps and get the Tee Adapter free.

1700 NRS Foot Pump \$43.50
1701 Tee Adapter \$1.00



Riken Comanche Self-Bailer

Sevylor Inflatable Kayaks

Sevylor Kaynoe To build the Sevylor Kaynoe, Sevylor developed new heavy-duty PVC material reinforced by polyester ripstop threads. This grating makes the boat far more durable with superior structural integrity. 10" bow and stern rise, ribbed inflatable dodgers and a drain plug make for a very dry ride. These are expedition quality and should give years of reliable use.

At 12'6" x 3', the Sevylor 390 "Kaynoe" can carry two people comfortably, plus enough gear for an outing. It comes equipped with both an inflatable seat for use in whitewater or a wooden seat for quiet water cruising.

Sevylor 345 Two Person Kayak. This smaller sister of the 390 has a shorter waterline so that it's more responsive in technical drops. The 11' x 3' 345 allows a solo paddler extra room for storing gear on an extended trip.

The Sevylor 305 is a whitewater "hot boat" version of their popular Kaynoe with an optional spray cover and spray skirt so you won't have to spend time emptying the boat after every big rapid. Some of you may even be able to roll it! At 10' x 3', the 305 handles like a sports car.

1625	Sevylor 390	\$345.00
1626	Sevylor 390 Package	\$395.00
1620	Sevylor 345	\$315.00
1621	Sevylor 345 Package	\$365.00
1610	Sevylor 305	\$280.00
1611	Sevylor 305 Package	\$330.00
1612	305 Pkg w/ Spray Cover & Skirt	\$465.00
1615	305 Spray Cover	\$85.00
1616	305 Spray Skirt	\$14.95

What a Deal!

For extra savings, we offer inflatable packages that include the inflatable of your choice, the 8' Carlisle Breakdown Paddle, an NRS Foot Pump and a repair kit.

X-Tra Strong Self-Bailers

Riken Cherokee and Comanche In keeping with the trend toward self-bailing boats, both of these Rikens are available with an inflatable self-bailing I-beam floor. A row of reinforced drain holes is located at each end for quick drainage. This keeps the Rikens very maneuverable in long rapids.

Riken Cherokee and Comanche combine the strength of a raft with the maneuverability of a kayak. Both the Cherokee and Comanche are made of 420 denier, 25% Hypalon in the tubes and 840 denier, 25% Hypalon in the floor. One of the toughest inflatables we sell.

The Cherokee is 9'6" x 2'11" and has one thwart for stability. The Comanche is 10'6" x 3'4" and has two thwarts. Both feature a single D-ring on the stern and bow. The standard models have inflatable bow and stern covers as well as a removable inflatable floor.

1635	Cherokee	\$490.00
1636	Cherokee Self-Bailer	\$670.00
1640	Comanche	\$605.00
1641	Comanche Self-Bailer	\$795.00



Top: Sevylor 390; middle: Sevylor K-79 Tahiti; bottom: Sevylor 305

An Adventure!

K-69 & K-79 Tahitis Most Tahiti paddlers prefer to go alone, but dual paddling is really a kick. Try a Tahiti and find out! There is a sense of accomplishment from coordinating the dual paddling technique. Tahitis are economical, durable and lightweight. The K-69 weighs 19 lb, the K-79 only 22 lb. Fully inflated the K-69 is 9'6" x 2'6" and the K-79 is 10'8" x 2'8". Sevylor builds these boats out of sturdy 20 gauge PVC material. Electronically welded seams, three separate chambers and built-in inflation gauge. 90-day guarantee against defects in workmanship and materials.

1600	K-69	\$105.00
1605	K-79	\$125.00
1601	K-69 Package	\$155.00
1606	K-79 Package	\$175.00



R & R Challenger

R & R Inflatables—The Leading Edge

R & R Outdoors has been researching and developing inflatable kayaks for three years and has produced an exceptional self-bailing inflatable kayak with unique performance characteristics.

The floor is constructed of rigid closed-cell polyethylene foam (puncture-proof!) in three sections: one 4" thick center section and a 2" thick section on each end. These sections of polyethylene, or "flotation slabs" are sandwiched between a top layer of PVC and a bottom layer of heavy duty stretch jersey material like used in professional football apparel. This jersey material allows the floor to dry quickly at the end of a days paddling. Since the slabs are removable from the PVC/jersey jacket, you can adjust the thickness of the floor to compensate for the weight of extra gear you may wish to carry in the boat. This floor will float the kayak even if the main tubes are completely deflated!

When water enters the kayak it immediately runs off the center slab and onto the end slabs. At each corner of the center slab there is a 2" x 4" oval opening in the bottom of the boat for fast drainage. These openings are also helpful for self-rescue if you get flipped upside down.

The polyethylene foam seat adjusts to provide excellent back support. The foam seat is also a comfortable camp chair, and of course it can never go flat or lose air pressure.

The tubes and floor of the Challenger inflatables are constructed of 22 oz, 1000 denier Duratex PVC with a polyester grating. This rugged material is stiffer than rubberized fabrics. Combine this extra stiffness with the perfectly smooth bottom and you have a fast boat with excellent maneuverability that rivals a hard-shell kayak for wave riding and surfing. They feature two main tube air chambers with reliable low-profile Halkey Roberts inflation valves. For serious big-water boaters, we recommend the use of the optional Thigh Brace Kit to help keep you in the proper paddling position in heavy turbulence.

The Challenger is available in two models. The standard boat is 9'3" L x 2'11" W with 11" tubes. The 2-person Expedition Challenger is 10'6" L x 2'11" W with 11" tubes. Dark blue with yellow and black trim.

1670	Challenger	\$580.00
1671	Challenger Package	\$630.00
1675	Expedition Challenger	\$685.00
1676	Expedition Challenger Package	\$735.00
1673	Thigh Brace Kit	\$38.00

The Web Hand fins give the hot-dog no-paddle kayaker greater power and control for rolls and stunts. Can even be used as emergency paddles on an expedition. The Web is flexible nylon with flow-through Lycra net backing and has a Velcro strap closure. Provides 2.6 times the power of your bare hands; great for open-water swimming. (Blue).

2420	S,M,L	\$12.50
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A Bundle of Backpacking Fun!

NRS Scamp The new NRS Scamp is lightweight (less than 7 lb), compact (packs to an 8" x 12" bundle) and can be packed easily into high mountain lakes. Pack a Scamp for your next river trip and let the kids try it out in the slower water (not intended for use in the rapids). Constructed of 210 denier urethane-coated nylon, the Scamp has glued seams for extra durability.

For the serious backpacker, we offer an even lighter version. The Ultralight Scamp is made of 70 denier urethane-coated nylon and weighs less than 3 lb.

Most rafts of this type have only one air chamber, but we have built two chambers into the Scamp for extra safe boating. One-inch, one-way Roberts valves permit speedy inflation and deflation, either by mouth or with a pump. The carry bag included doubles as a pump. Equipped with integral fold-down oarlocks which fit the optional take-apart oars listed below, or other oars 1" or less in diameter. Standard equipment includes: One "air mattress" style removable inflatable seat; carry bag/air pump; inflation hose; integral fold-down oarlocks; D-ring on the bow; repair kit. Measures 6'3" L x 3'4" W and has 11" diameter tubes. Bright yellow with blue trim. One year NRS guarantee.

1650	Scamp	\$135.00
1651	Take-Apart Oars (pair)	\$6.50
1652	Extra Seat	\$6.50
1660	Ultralight Scamp	\$125.00
1661	Ultralight Seat	\$6.50



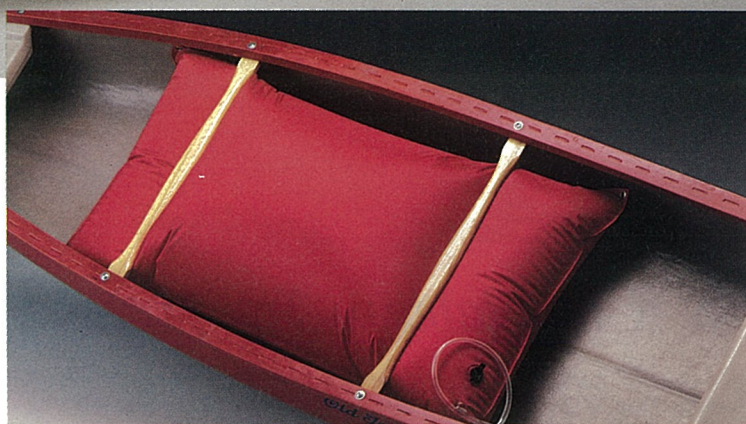
NRS Scamp



Canoes

Northwest River Supplies is happy to offer a fine selection of open canoes for 1987. From the old stand-by aluminum canoe by **GRUMMAN** (the original aluminum canoe), to the rugged Royalex models from **BLUE HOLE**, or the fiberglass, Kevlar, and Royalex models from **EASY RIDER CANOE**, we're sure we can supply you with the right canoe to meet your specific needs.

Call Ralph, or write for brochures and more information on pricing, availability, and shipping.

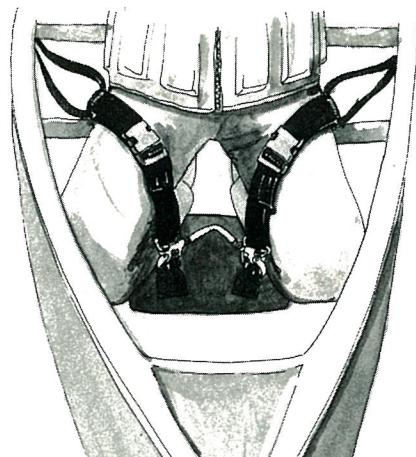


NRS Center Bag Float

Accessories

Quick Release Thigh Straps for Open Canoes For best control and most safety in a whitewater open canoe, the Trapless Strap system is for you. David Brown "The Canoe Doctor" has designed this thigh strap system that allows the paddler to pull the safety release handle between his legs and avoid possible entrapment during wet exits. The system features 2" wide nylon webbing across each thigh and corrosion proof hardware for the release mechanism. This model is designed for ABS canoes only. Absolutely the finest thigh strap system available.

2094 \$60.00



D-Rings Steel welded D's sewn on to vinyl patches of 22 oz gray PVC/Dacron. The Canoe D has a 1" welded D-ring on a 4" patch; Super D has 1 3/4" D on a 6" patch and makes a perfect thigh brace attachment point. Both are useful for tie-downs on ABS canoes, Tahitis, and vinyl bags. Attach with Vynabond.

2097 Canoe D \$2.85
2098 Super D \$4.50

Flotation

Canoe Floats Designed to provide open canoes with complete flotation for running whitewater. Float bags displace their volume in water to lessen the danger of swamping. Should the worst happen and you dump your boat, retrieval is much easier because most of your boat is filled with air, not water.

NRS is pleased to offer a full line of high quality, lightweight flotation bags for open canoes constructed of lightweight Urethane or PVC coated nylon with welded seams. They are equipped with 1/2" diameter vinyl inflation hose and Halkey-Roberts 320 TE valves.

NRS Solo Canoe Floats Just what the solo whitewater open canoeist has been looking for, we offer these Urethane coated nylon float bags in both a 5' and a 6' length. Width dimensions have been increased to better fit most canoes. One of these large, tapered bags will completely fill the bow section of most 16' or 17' canoes. With another bag placed in the stern you have complete flotation for solo paddling. Dimensions: 39" x 20" x 60" or 42" x 20" x 72". Bags are sold individually so you can custom fit your canoe.

2090 5' Solo Bag \$24.00 each
2091 6' Solo Bag \$25.00 each



NRS Center Bag Float For whitewater open canoeists, a lightweight nylon/vinyl canoe center float, constructed from vinyl coated nylon material with welded seams. It has an 18 inch, 1/2 inch diameter clear vinyl hose with a Halkey-Roberts 320 TE valve. It also has a quick deflation valve and a tie-down grommet in each corner. The bag is 60" long and 36" wide. Fits most canoes except those with upright bracing.

2095 \$32.50

NRS Canoe End Floats These small, tapered bags are used for bow and/or stern flotation when paddling with a partner. They fit most ABS and fiberglass canoes, but don't fit boats with built-in bow and stern flotation chambers. Dimensions: 25" x 29" x 15". Sold individually.

2092 \$14.00 each

NRS Maxi Splits A pair of large rectangular bags that provide center flotation. These floats fit canoes with center upright bracing. Dimensions: 22"W x 65"L. Set includes two bags.

2096 \$39.50 set

Otter Pocket Nifty bag that ties onto a canoe thwart or raft frame, the Otter Pocket serves as a catch-all for the clutter in your boat. An elastic and Velcro closure keeps contents collected and safe. Made by Dragonfly Designs in a tough, coated nylon oxford, the Otter Pocket measures 10 1/2" x 15". Not intended to be waterproof.

1860 \$14.50

Vynabond The adhesive of choice for vinyl D-rings. (Flammable; no parcel post or air shipments).

1915 2 oz Tube \$3.25
1916 12 oz Can \$9.00

Prijon T-Slalom The T-Slalom whitewater kayak is blow-molded out of high density polyethylene, a production composition which integrates rigidity, design performance, and strength. T-Slalom has an incredibly responsive shell design which incorporates sharp bow edges, healthy rails, an advanced rocker, and a flat spinning bottom, unequaled for technical maneuvers and playing. The larger volume cockpit area with rounded middle lines makes the T-Slalom very stable in big hydraulics. Approximately 12'3" x 24". Red or Yellow. All kayaks are shipped motor freight collect.

2000 Prijon T-Slalom

Call for pricing



Perception Kayaks Perception kayaks have become the standard for roto-molded whitewater boats because they build kayaks that are strong, safe, and graceful. All Perception kayaks feature adjustable one-piece seats, strong minicell pillars, and adjustable Yakima footbraces. The Mirage III, Dancer and Dancer XT are available from NRS. Call Rick or Alan for current prices, shipping charges and specs. 208/882-2383.

High Performance Spray Skirts

Please take note of the cockpit size limitations in the spray skirt description. To select the proper spray skirt for your boat, measure under the kayak cockpit rim with a cloth tape.

Harmony Spray Skirt and Dri-Mate Spray Skirt The Harmony Spray Skirt is specifically designed for use on the popular "plastic" kayaks. This 1/8" Nylon-2 neoprene sprayskirt has a molded rubber gasket to form a positive cockpit seal. The Dri-Mate Spray Skirt has a two layer waistband attachment to be used with drytops and paddling jackets. Harmony and Dri-Mate skirts fit boats with cockpits larger than 73". Waist sizes: S(24"-28"), M(28"-32"), L(32"-36"), XL(36"-40").

2070 Harmony S,M,L,XL

\$69.95

2075 Dri-Mate S,M,L,XL

\$77.95

K-1 Sprayskirt This year we're offering a new Neoprene Nylon-2 sprayskirt with a bungee cord closure that finally performs up to our expectations. It is secure in big water and priced for the recreational boater. All seams are glued and sewn and there is a lumbar pad for increased comfort. Fits most plastic kayaks. Waist Sizes: S(26"-30"), M(30"-35"), L(35"-40").

2065 S,M,L

\$51.50

Ethafoam Blocks Kayakers use ethafoam for seats and pillars, rafters for seats and floor protection, canoeists for extra flotation. Blocks measure 2" thick x 12" wide x 54" long and weigh only 2 lb. You'll need two blocks for a full kayak pillar system.

2088

\$15.75 blk



NRS Kayak Flotation Bags Lightweight durability no longer costs a fortune! Save weight and money on the NRS Lightweight Nylon/Vinyl Float Bags!

Until now you either accepted a weight penalty to get a reasonably priced float bag, or paid a premium price to get the light weight and durability of urethane-coated nylon. The NRS Floats bring you nylon's durability at approximately half the weight of 20 mil vinyl and at less cost.

NRS Nylon/Vinyl Float Bags are carefully crafted from quality materials, and carry our one-year guarantee on workmanship and materials. Bags are constructed of vinyl coated nylon with welded seams and feature the Halkey-Roberts 320 TE inflation-deflation valves. If you have ever huffed and puffed over the old-fashioned little red valves, you will appreciate the clear air channel and simplicity of these premium valves.

NRS Light Weight Nylon/Vinyl Split Float Bags are designed for kayaks with pillars. Set of four bags. NRS Standard Float Bags for kayaks without pillars. Set of two bags.

2080 Split Floats

\$34.50 set

2081 Standard Floats

\$30.50 set

NRS Kayak Storage-Flotation Bags Northwest River Supplies is proud to announce their all new design in kayak sto-floats. These urethane-coated nylon bags open from the end, so you can pack and unpack without removing them from the boat. The watertight opening has an interior roll-down closure that is held in place by a zipper on the outer bag. They feature an air chamber that actually inflates around your stowed gear. The sto-floats are available in a four bag split set (storage just in the two stern bags) for kayaks with pillars and a two bag standard set (storage in both bags) for kayaks without pillars. Individual bags are available.

2084 Split Sto-floats

\$42.50 set

2085 Standard Sto-floats

\$37.50 set

Voyageur's Sto-Floats This is a flotation storage system for kayaks without center pillars. The set is made of blue 20 mil vinyl weighing 4 lb 9 oz and includes one bow flotation storage bag with inflation hose, and one large stern storage bag with inflation hose and rapid deflation valve.

2087

\$47.50 set

Voyageur's Split Sto-Floats This set offers storage in the two stern bags. Designed for boats with center pillars, they have the same quality construction as the #2087 Voyageur's bags. 5 lb 6 oz.

2086

\$52.75 set



Nimbus Puffin Designer Joe Matuska has left nothing to chance in creating this exceptional sea kayak. He has designed the rotationally molded polyethylene Puffin with versatility, performance and safety in mind. Whether you're headed for a three month expedition or an afternoon paddle across the bay, the Puffin comes equipped.

Standard features include: Large watertight bow and stern deck hatches, bow chart holder, stern deck storage lines, tow rope, and a foot operated retractable rudder. The Puffin's generous cockpit area is a completely separate molded pod, making the bow and stern storage compartments into large watertight flotation chambers in the event of an upset. Low peaked deck sheds water nicely, and reduces interference from crosswinds. 16' long, 23" wide at cockpit, weighs 55 lb. Shipped motor freight collect. Please call for pricing.

Aquaterra Chinook Aquaterra revolutionized the sport of open water boating by introducing the first rotationally molded sea kayak, the Chinook. The Chinook's rugged polyethylene hull construction and finely tuned design combine for an unbeatable adventure on the open sea or on your neighborhood lake. We offer the Chinook in the Expedition Package which includes adjustable footbraces, 6" screw-in bow hatch, bow/stern grab handles, adjustable seat back, thigh braces, closed-cell foam stern bulkhead, neoprene and hardshell hatch covers, and 2 nylon hatch/cargo straps. 16' long, 24" wide, weighs 50 lb. Shipped motor freight collect. Please call for pricing.

Quality Head Protection

A Romer Kayak Helmet This professional quality helmet provides all-round protection and safety in heavy whitewater. Horizontal upper vents provide sufficient ventilation with minimum water penetration. Rigid nylon outer shell has retractable ear coverings for protection from blasts of cold water. Padded chin strap with a "Y pull" system which keeps the helmet from slipping. (Blue or yellow)

2040 S,M,L,XL

\$84.50

B Pro-Tec Helmet Pro-Tec's lightweight, secure-fitting helmet has a plastic shell and removable foam liner that ensures comfort and protection. Drain holes and ear openings. Includes chin strap. (Yellow or blue). Sizes: S(up to 6 3/4), M(6 7/8 to 7 1/8), L(7 1/4 to 7 1/2), XL(7 5/8+).

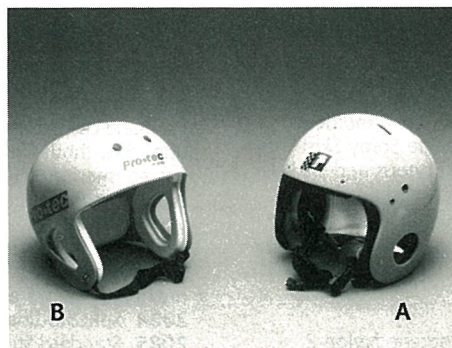
When selecting your Pro-Tec helmet, measure around your head above the brow with a cloth tape, then convert inches to the correct size: 20 3/8" = 6 1/2; 21 1/8" = 6 3/4; 22" = 7; 22 3/4" = 7 1/2.

2035 S,M,L,XL Yellow

\$35.00

2030 S,M,L,XL Blue

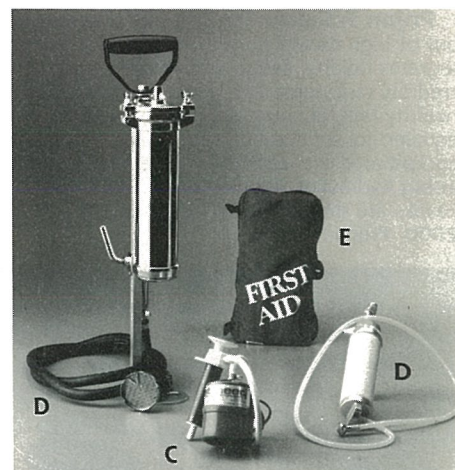
\$35.00



CKS Kayaker Throw Rope Every boat on the river should carry a throw rope. Some kayakers, however, have shied away from carrying a throw rope because of the weight and size of the throw bag. The CKS Kayaker Throw Bag contains 50 feet of 1/4" polypropylene floating line yet weighs less than one pound (half the weight of our standard throw rope). The Kayaker Throw Rope is less bulky than standard throw bags so there should be plenty of room for every kayaker to carry one. Note: Please be aware that all ropes can cause a friction burn in a rescue situation. Practice with your throw rope to learn its characteristics. (Not pictured).

1824

\$16.95



C First Need Water Filter Removes disease-causing organisms (bacteria and Giardia) and contaminants while still leaving dissolved minerals and salts necessary for good taste. Pumps out a pint of purified water in less than a minute. Weighs 12 oz.

2730 First Need

\$39.95

2731 Replacement filter

\$24.95

D Katadyn Water Filters These pump-operated, Swiss-made, ceramic filtration devices have long been used by the International Red Cross, and are excellent for expedition parties of any size. The Pocket Filter weighs only 28 oz and will purify a quart of water in three minutes. The Expedition model treats 3 quarts in one minute and weighs in at 11 lb. The expedition model should be the choice for large parties with one designated kitchen. Expedition has a footbrace with adjustable height from 24" to 32". Both models filter out infectious agents of diseases such as Giardiasis, cholera, typhoid, and dysentery. Pocket Filter has a 10" hose and the Expedition has a 6' hose. Both come complete with cleaning brush and carry case. Replacement filters available.

2734 Katadyn Pocket Filter

\$195.00

2735 Pocket Replacement Filter

\$97.50

2736 Katadyn Expedition Filter

\$545.00

E First Aid Kit Outdoor Research makes serious First Aid Kits for medical emergencies. Their Compact Kit offers a good assortment of supplies, organized in a zippered pack cloth pouch, weighing only 14 oz. The Deluxe Kit contains all the supplies recommended by The Mountaineers and is a good choice for those who go on extended wilderness floats. Weight 21 oz.

2725 First Aid

\$33.50

2726 Deluxe First Aid

\$49.95

1" Nylon Tubular Webbing Tubular webbing has been popular with mountaineers since its introduction in the 1940's. Tubular webbing is smoother and more pliable than flat webbing so knots are easier to tie and untie. With a breaking strength of 4000 lb, this webbing can provide a secure anchor for river rescues. Also makes great tie down strapping for duffel on rafts and during shuttles, but we suggest having separate lengths of webbing to be used only for rescue situations. Note: This webbing is too thick to use with our 1" HD Buckle.

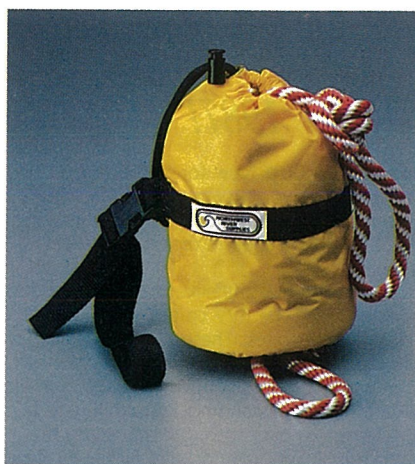
1837

\$.30/ft.

Personal Flashlight With Precision

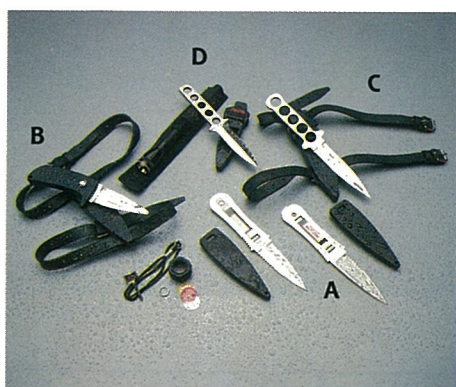
Optics This is an amazing flashlight! Precision machined of aircraft grade anodized aluminum with rubber O-rings, the Mag-Lite is waterproof to more than 200 feet. Special long life, extra-bright bulb meets aerospace standards. Unique adjustable beam narrows from a soft flood to an intense spot. Remove the head of the Mini-Mag and it turns into a mini table lamp for your tent or RV. Mini-Mag measures 5 1/2", weighs 4 oz, and uses two AA batteries (not included). Lifetime guarantee on external components. Spare bulb stored in the tail of flashlight. Optional pack cloth belt holster. Accessory pack includes wrist lanyard, pocket clip, key ring, amber, red and clear lenses, lens holder.

- 2745** Mini-Mag **\$13.95**
2746 Accessory Kit **\$4.50**
2747 Belt Holster **\$4.75**



Russ Anderson Rescue Pulley The Z-drag pulling system is the technique most often used to pull wrapped or pinned boats off of river obstructions. We offer the Russ Anderson Pulley made by SMC as an excellent friction reducer for the Z-drag or any other rescue set up. Russ Anderson has been at the forefront of mountain rescue equipment production for years and we feel his pulleys are the finest available. The 2" x 1/2" Oilite bearing pulley features 1/8" thick, gold anodized aluminum side plates and low profile hex head axles. This pulley may be disassembled for cleaning. The Anderson pulley should be used with the 1/2" Blue water river rescue rope. 7 oz.

1438 **\$16.00**



A Gerber Clip-Lock Knife Razor sharp with a partially serrated cutting edge, this is a serious tool for the serious river runner. The stainless steel clip locks the knife securely into its case, but can be removed instantly with one hand when needed.

- 2757** Double Edge **\$35.00**
2758 Single Edge **\$32.00**

B Wenoka Diving Knife This double-edged blade designed by premier knife maker Blackie Collins makes this a knife river runners will love. The Wenoka blade is highly polished 440 stainless steel with one cutting edge, a serrated edge and a screwdriver tip. The rugged, molded handle sports a spring-loaded pushbutton that keeps the blade securely locked in its sheath yet releases easily with one hand operation. The Wenoka comes with straps for life jacket attachment.

2750 **\$36.95**

C The River Knife An economical yet high quality river knife is finally here. The River Knife is a solid piece of 440 stainless steel fashioned and sharpened to a razor edge. 8 3/4" overall length with a 4 3/4" double cutting edge. Partial serration on one edge. Complete with a positive locking sheath that operates easily with one hand. An excellent value.

2752 **\$31.50**

D Tekna Knife This knife is made from a single piece of molybdenum/vanadium stainless steel so it won't rust and will keep an edge. Sheath is ABS plastic with one-hand operation.

2760 **\$49.95**

Blue Water River Rescue Rope Blue Water 1/2" River Rescue rope is the finest rope available for almost any rescue situation that may be encountered on a river trip. Blue Water rope is a floating, static (won't stretch) rope constructed of kernmantle polypropylene with a tensile strength of 4000 lb. Although some river rescue situations require a rappel to reach the site, this rope is not designed to be used primarily as a rappelling or rock climbing rope. (High visibility yellow).

1836 **\$.60/ft**

River Rescue Book A comprehensive manual describing the latest advances in river rescue strategy and equipment. Les Bechdel and Slim Ray.

2826 **\$9.95**

Flip Line Guides using Flip Lines can self-right an upset raft in as little as 30 seconds. 14' of 3/8" Proline rope is stored in a pack cloth bag with drawstring closure to allow emergency access. Attaches to raft D-ring.

1815 **\$18.50 pr**

3/8" & 1/2" Proline Rope Solid braid multifilament floating polypropylene cord stays round and works well as a bowline or for lashing down your equipment. Won't stretch or shrink. Resistant to rot, abrasion, mildew, petroleum products and most chemicals. This polypropylene rope is the preferred one for rescue lines.

1832 3/8" Proline **\$.25/ft**
1833 1/2" Proline **\$.40/ft**

NRS Rescue Rope Every raft, kayak and canoe on the river should be equipped with a rescue rope. The NRS Rescue Rope comes in a bright yellow nylon bag complete with a thick ethafoam block for flotation and 65 feet of floating 3/8" Proline rope. Quick emergency access through a drawstring closure with a spring toggle. The 1" webbing loop has a slide fastener and quick release buckle so that it can be secured to a D-ring or frame for instant use when needed. Instructions included.

1825 **\$24.50**

SOS Rescue Whistle A loud, durable whistle should be carried by all river runners in case of emergencies. This rugged whistle is made in England and produces a loud, shrill sound audible over long distances and the roar of rapids. There are no moving parts to clog or malfunction and because it's plastic, no cold lips.

1838 **\$2.00**



Omega Locking D Carabiner Locking carabiners are a crucial component of a river runners emergency supplies, with various uses in rescue and tie-down applications. Unlike some locking carabiners, Omega Pacific's aluminum version has a removable locking sleeve for fast and easy cleaning and maintenance, assuring its peak performance in the most demanding situations. Minimum breaking strength of 6300 lb. An indispensable part of your river rescue kit. 2.2 oz.

1429 **\$5.60**

SAM Splint This innovative new first aid device should be included in all first aid kits. The SAM Splint works like a ladder splint and can be folded and twisted into infinite configurations for various emergency medical applications. Constructed of semi-rigid yet flexible .016" aluminum foil sandwiched between two layers of non-absorptive, closed-cell polyethylene foam. Can be folded back on itself for extra-rigid applications. Measures 34" x 4 1/4", can be cut to size with ordinary scissors, and is reusable many times over.

2727 **\$14.50**

1/2" and 3/8" Poly Rope "...a spare coil 200 feet in length should always be on hand."—Bill McGinnis, *Whitewater Rafting*. Buoyant, eight-strand, diamond braid poly rope for all-around use. Recommended working load for 3/8" is 250 lb while 1/2" is 450 lbs. Save 2 cents a foot if you order in 100' increments.

1830 3/8" **\$.14/ft**
1831 1/2" **\$.16/ft**

This will probably be the single most important piece of equipment you will buy.



America's Cup Mesh

New for 1987!

America's Cup New for 1987, the America's Cup Type III/V gives you the choice between a heavy duty mesh shell or the standard tough nylon shell in orange, blue or yellow.

Our most popular lifejacket in 1986, the America's Cup Type III/V comes with Fastex quick release buckles. These plastic buckles make the jacket easier to put on and take off. This lifejacket stresses comfort and security. Not just comfort while standing, but while paddling, scrambling over rocks, or practicing the Eskimo roll. A very comfortable jacket for people who do most of the work. The three heavy duty adjustable straps are particularly appealing. Three sizes: Youth 24" to 29" chest and 50-90 lbs weight; Small, 30" to 40" chests; Large, 40" chest size and above. Please specify which color you want when ordering. (Yellow, Blue or Orange).

2126	S,L Mesh	\$55.75
2125	Youth Mesh	\$49.50
2111	S,L Nylon	\$55.75
2110	Youth Nylon	\$49.50



America's Cup



America's Cup Primo

America's Cup Primo High flotation in a short vest! The Primo exceeds 22 lb flotation. Features a full length YKK zipper, ladderlock side adjustments, and a belted bottom for a secure fit. The new supple foam is enclosed in 400 denier oxford nylon, and is extended over the shoulder to provide comfort on portages. Removable crotch straps as standard equipment. Sizes: S(36"-38" chest), M(40"-43"), L(45"-48"), XL(48"+). (Yellow).
2105 S,M,L,XL \$46.50



America's Cup Cascade

A Word About Coast Guard Ratings

All the life jackets that we offer are Coast Guard approved and satisfy the following minimum buoyancy requirements:

Type III: 15.5 pounds

Type V: 22 pounds

Type III life jackets are designed for recreational use. Any Type V life jacket is specifically designed for whitewater use.

America's Cup Cascade This Type III jacket from America's Cup provides high flotation and is great for the serious big-water boater. Cut for mobility the jacket provides 26-29 1/2 pounds of flotation from closed cell foam. The Cascade features full-length front zipper, waist tie, 5" fold-up bottom, and elasticized lower hem. Snug the jacket up with the cinch straps on each side. Outer shell is 400 denier oxford nylon and 200 denier oxford nylon lines the inside. Removable crotch straps as standard equipment. Sizes: S(36"-38" chest), M(40"-43"), L(44"-48"), XL(48"+). (Yellow).
2100 S,M,L,XL \$55.75

Need help? Call Customer Service
208-882-2383



TOLL FREE ORDER LINE
800-635-5202



Hi-Float Life Jacket

Hi-Float Life Jacket This Type III jacket designed by Charlie Walbridge of Wildwater Designs, is great for the big-water boater. Cut for mobility the jacket provides 26-29 1/2 pounds of flotation from closed cell foam. The Hi-Float features full-length front zipper, waist tie, 5" fold-up bottom, and elasticized lower hem. Get a really secure fit with the cinch straps on each side. The outer shell is high-visibility red 200 denier nylon. Sizes: S(36"-38" chest), M(40"-43"), L(44"-48"), XL(50"-52").

2160 S,M,L,XL

\$65.00



Delta Short Maxi Jacket

High Flotation

Delta Maxi-Float A high quality, economical jacket. Comes with full length zipper, adjustable waist strap with quick release Fastex buckle, and cinch straps below the armholes. Although carrying a Type III rating (15 lbs flotation), it actually provides 26-29 pounds of flotation. The Delta Maxi can be used by the big-water kayaker by folding up the bottom. A combination of PVC and polyethylene foam results in a comfortable jacket with good freedom of movement. Attachment points for the Delta Crotch Straps. Recently, I had my first occasion to use (and need) crotch straps and I'm now a believer. (Royal Blue). Sizes: S(28" to 34" chest), M(34" to 38"), L(40" to 44"), XL(46" to 50").

2140 S,M,L,XL

\$65.00



Delta Maxi-Float

Rogue High flotation in a short vest! The Rogue provides up to 20 lbs of flotation. It features a full length YKK zipper, ladderloc side adjustments, and a belted bottom for a secure fit. The new supple foam is enclosed in 200 denier oxford nylon, and is extended over the shoulder to provide comfort on portages. (Royal Blue). Sizes: S(36"-38" chest), M(40"-43"), L(45"-48")

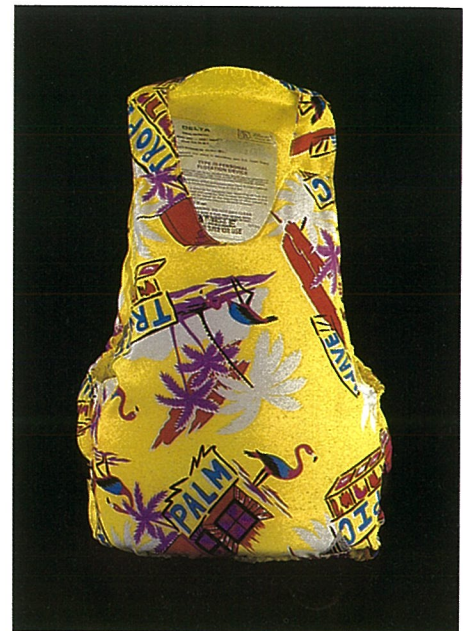
2170 S,M,L

\$48.50

Delta Short Maxi Jacket An excellent canoeing, kayaking or rafting jacket for the serious boater. Rugged 200 denier nylon shell over lightweight PVC foam to provide an average of 21.5 lb of flotation. Adjustable waist strap and side cinch straps for a snug fit. Short styling for less interference with spray skirts. Sizes: S(28"-34" chest), M(34"-38"), L(40"-44"), XL(46"-50"). (Red).

2150 S,M,L,XL

\$55.00



Delta Hots Pullover

Delta Hots Pullover Hit the water with a splash of color in 1987! The stylish new Delta Type III Pullover lifejacket gives the wearer maximum freedom of movement and still maintains the safety and security of a zippered vest. The Pullover is lightweight with a wide range of adjustability. Ladderloc side adjuster and drawstring waist. Sizes: S(30"-36"), M(38"-44"), L(46"-52"). (Tropical Yellow).

2155 S,M,L

\$46.50

Delta Crotch Straps Provide extra security for non-swimmers and increased safety in heavy whitewater. Designed for use with all Delta jackets except the Hots Pullover.

2145

\$6.00



Rogue



A Stohlquist Dry Suit Newly engineered front-entry standard zipper with a fold-lock watertight seal. Material is a coated oxford with latex seals at the wrists, ankles and neck. Seams are welded with heat seal tape. An inside pocket provides safe storage for cash or keys. See sizing chart. (Royal Blue).

2260 XS,S,M,ML,L,XL **\$189.95**

B Stohlquist Semi-Dry Suit Full coverage paddling suit with many of the features of a dry suit at a fraction of the price! Front zipper with a rollover packet that provides a leakproof seal. Fabric is 200 denier waterproof oxford fitted with gasket style neoprene cuffs, velcro-cinch ankle closures, and neoprene collar. All seams are double stitched and welded with heat seal tape. Inside pocket for safe storage of cash or keys. See sizing chart. (Royal Blue).

2270 XS,S,M,ML,L,XL **\$129.95**

C CKS Phase II Two-Piece Drysuit A new solo entry drysuit from the people who pioneered solo entry suits. This two-piece drysuit features latex seals at the waist of both the jacket and pants. The waist seals roll up and are covered with a drawstring closure from the top. The waist seals will also make a positive seal with your sprayskirt to reduce water entry into the cockpit. Material is a coated nylon oxford with latex seals at wrists, ankles, neck and waist. Seams are welded with heat tape. Dual color combination with a handy outside pocket on the chest. See sizing chart. (Royal Blue Jacket; Black Pants).

2280 XS,S,M,ML,L,XL **\$224.95**

Croakies Comfortable, effective and stylish solution to the problem of slipping eyewear. Made with soft neoprene, Croakies adjust to fit all sizes. Assorted colors.

2462 **\$3.50**

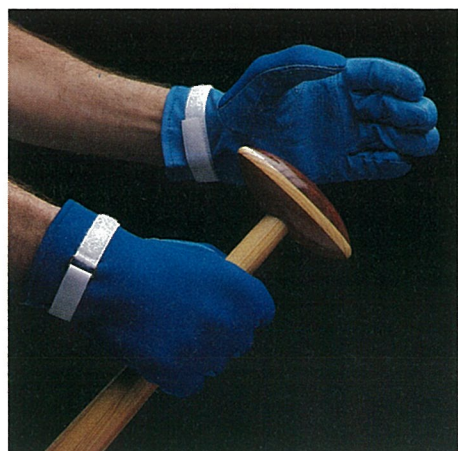
Chums Stylish, comfortable and secure eyewear retainer. Pure cotton with a wooden bead slider to snug 'em up. Easily adjustable; variety of colors and patterns.

2463 **\$3.95**



STOHLQUIST SIZING CHART

Size	Neck	Chest	Waist	Hips	Inseam
XS	14 1/2	33-35	26-28	32-34	26-28
S	14 1/2	35-37	29-31	35-37	26-28
M	15 1/2	39-41	32-34	39-41	30-31
ML	15 1/2	39-42	32-34	39-42	32-34
L	16 1/2	43-45	36-38	43-45	32-34
XL	17 1/2	47-49	40-42	47-49	32-34



NRS Gripper Glove NRS brings you these neoprene reinforced 5-finger gloves with special vinyl coated gripping palms. Purists believe there is no substitute for the grip of a bare hand, but we think our Gripper Gloves actually improve your bare hand grip. The gloves feature a 2 mm neoprene back (dark blue) and pre-shrunk cotton palm (light blue) impregnated with special granules and then vinyl coated. Reinforced palm and thumb give outstanding grip. For colder weather use polypropylene liners for extra warmth without losing your grip. Velcro wrist band can be tightened down to fit any wrist.

2400 Gripper Glove S,M,L,XL,XXL **\$17.50**
2435 Polypro Liner XS,S,M,L,XL **\$9.00**



Head Gasket A favorite of backpackers for its light weight, this neoprene visor is nice for kayaking 'cause it fits under a helmet. Stuff it into your pocket when you don't need it. Assorted colors—one size fits all.

2461 **\$5.50**

A Dry Fashion Drysuit Dry Fashion's stretchy Avilastic material keeps water out and "breathes" to prevent moisture build-up from perspiration under the suit, so you stay dry.

The suit is cut full and has latex rubber closures on the neck, wrists, and ankles. A waterproof zipper across the back provides entry and exit. With this suit you will be able to enjoy the rivers practically year 'round. Please specify height and weight when ordering. (Gray w/ red and blue trim).

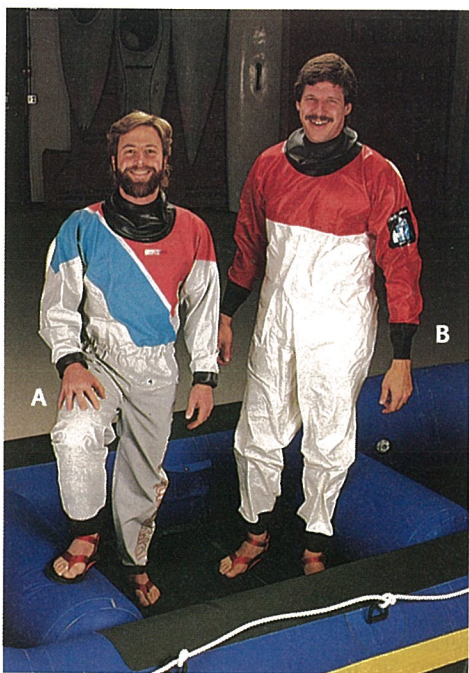
2250

\$310.00

B Helly Hansen Dry Suit Dry suits are taking the country by storm and Helly Hansen offers one of the best of these cold-weather garments. PVC material with rubber closures on the neck, wrists and ankles keep kayakers and rafters dry and comfortable in the roughest whitewater. Suits are cut full so you can wear pile or polypropylene underwear for added warmth. Waterproof zipper across the shoulder for access. Specify your height and weight when ordering. (Red and white).

2245

\$149.00



LIFA Underwear The good-looking LIFA Vermont underwear from Helly-Hansen is a medium weight 100% polypropylene knit which is ideal for cold-weather layering systems. The smooth polypropylene fiber keeps you dry and insulated. The crew-neck unisex shirt features full-length sleeves with knit cuffs and the unisex pants have elasticized cuffs and waistband. The perfect accessory for your Drysuit. Top has white-striped sleeves. Please specify chest size when ordering the top and waist size for pants. (Navy).

2640 Unisex Top-XS,S,M,L,XL

\$20.50

2645 Unisex Pants-S,M,L,XL

\$19.95

So, What's a Drysuit?

Most people know what a wetsuit is; a thin layer of water gets into the suit and your body warms it up. But, even with a wetsuit, if you are paddling a cold stretch of whitewater, your body loses its stored heat after repeated splashings. Drysuits seal the water out by using entirely waterproof material, waterproof zipper entries and snug fitting latex rubber seals at the neck, wrists and ankles. Drysuits are intentionally loose fitting garments, allowing the paddler to wear warm clothes under the suit. We recommend nylon pile or polypropylene as undergarments. So why waste your energy trying to keep warm when you need that energy to paddle? Try a dry suit instead.

The Proven, Affordable NRS Drysuit—Now in a Full Size Range

NRS Drysuit Imported from Germany by Northwest River Supplies, the NRS Drysuit is made of stretchy breatheable Avilastic material. This unique material was rated more durable than PVC by River Runner Magazine. The suit is so lightweight and comfortable that you may forget you've got it on. Avilastic allows the paddler more comfort and range of movement while keeping the wearer dry and warm. The suit has latex seals on the wrists, ankles and neck and a waterproof zipper across the back. Specify height and weight when ordering. Now available in XS and XXL sizes. (Gray).

2235

\$280.00





Warm Toes!

NRS Wet Shoes Warm your toes and protect your soles from sharp rocks. The old booties are obsolete and NRS has led in the revolution to satisfy your feet. By working directly with the manufacturer, we can offer the Wet Shoes at very reasonable prices. All have non-slip molded rubber tread or felt soles for sure footing, with padded insoles that help make portages more bearable. There is a one-year warranty covering defects in materials and workmanship. Sizes XS, S, M, ML, L, XL. See sizing chart.

A Nylon-2 Shoes This shoe is constructed of nylon faced 3mm thick neoprene. Nylon on the outside of the boot helps resist tearing and punctures from sharp objects. Critical areas (toe cap, instep, heel cap) are coated with an extra vulcanized rubber sheet.
2300 \$22.50

B Alpina Wetshoe Alpina's most popular cold water boot is constructed of thick Nylon-2 Neoprene with a side zipper and nylon lacing over the top of the boot. The Alpina boot provides a snug fit and sure grip tread for secure footing. Arch support is molded into the sole for added comfort. Please specify men's or women's shoe size.
2330 \$40.95

C NRS Nylon-2 Zippered Wet Shoe We've improved the NRS Nylon-2 Zippered Wet Shoe by modifying the tread design and beefing up the sole with added thickness underfoot for protection against sharp rocks. Even still, they are flexible enough to be worn comfortably inside even a low volume kayak. The new security strap from the instep across the top of the shoe provides an extra snug fit. Reinforced lock-stitched seams for extra durability and convenient side zipper for easy exit at the end of the day.
2310 \$27.50

D NRS One-Toe Wetsock There is only one problem with sandals—you can't wear them in cold weather! We decided to do something about that problem and came up with the NRS One-Toe Wetsock. It fits nicely in the Teva sandal and keeps your feet cozy and warm. It's made with the same three piece construction as the standard Wetsock, with all edges sewn and sealed with seam tape. Please specify shoe size when ordering.
2345 \$14.95

Hot Sandals!

E Teva Sports Sandal Outstanding recreational sandals in or out of the water. A reversible ankle strap converts to a thong option for everyday use. TEVA features Velcro strap fasteners in front for fast slip-on, cushioned neoprene inner sole, patented arch support and rugged "terra-grip" sole. (Red or Blue web with black soles). Men's sizes 3-14. Please specify.
2380 Red \$21.95
2390 Blue \$21.95

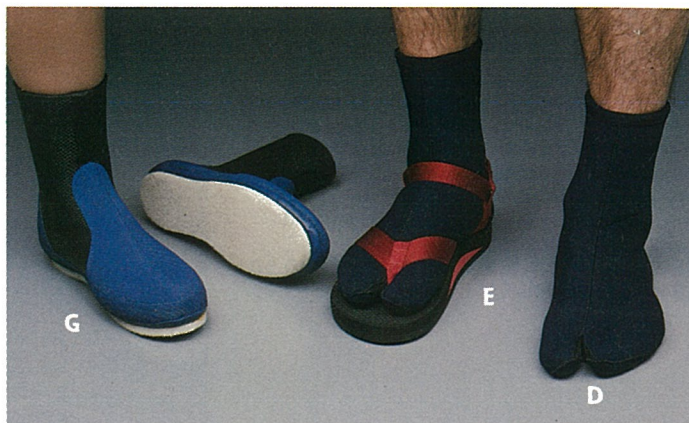
F 4 x 4 Universal Sandal From the makers of the famous Teva Sandal comes the new 4 x 4 Universal open-toe sandal. Nylon ankle and foot straps secure and adjust with velcro for a near custom fit. These sandals feature tubular nylon webbing, cushioned neoprene insole, patented arch support and "terra-grip" sole. These are perfect for people who don't care for having a piece of webbing wedged between their first two toes. These sandals may be worn with the standard NRS Wetsock for cold-weather boating. This will be the hottest sandal for '87. Please specify men's or women's shoe size and we'll fit you to the right size. (Red or blue web with black sole).
2370 Red S,M,L,XL \$30.75
2375 Blue S,M,L,XL \$30.75

G NRS Felt-Sole Wet Shoe Stream fishermen have known for years that the best footwear for wading in slick creeks is a felt-soled shoe. The thick (3/8") synthetic felt sole on these new NRS Wet Shoes cushions your feet from sharp rocks and provides superior traction on slippery river bottoms. 5 mm thick Nylon-2 neoprene material with vulcanized reinforcements and side zipper make this boot extremely comfortable and functional. See sizing chart.
2320 \$33.50

H NRS Wetsock Three-piece Nylon-2 construction with separate sole and side panels. All edges are finished with seam tape. For extra warmth, try the NRS Wetsocks inside your sneakers, hunting shoes or climbing boots. Men's sizing: S(6 1/2-7 1/2), M(8-9), L(9 1/2-10 1/2), XL(11-12).
2340 S,M,L,XL \$15.50

NRS WET SHOE
SIZE CHART

Size	Men	Women
XS	5 1/2-7	6-7 1/2
S	6 1/2-7 1/2	7-8 1/2
M	7-8 1/2	8-9 1/2
ML	8-9 1/2	9-10 1/2
L	9-10 1/2	10-11 1/2
XL	11-12	11-12



Sure Grip

A Wetsuit Mitts Provide the most warmth of any paddling handwear. Indispensable for cold weather river trips, these wetsuit mitts are made of 3/32" textured neoprene to give you a solid grip on your paddle or oar.

2415 S,M,L,XL \$12.50

B The Web Hand fins give the hot-dog no-paddle kayaker greater power and control for rolls and stunts. Can even be used as emergency paddles on an expedition. The Web is flexible nylon with flow-through Lycra net backing and has a Velcro strap closure. Provides 2.6 times the power of your bare hands; great for open-water swimming. (Blue).

2420 S,M,L \$12.50

C Boaters Gloves Sailors have used this type of fingertip-less glove for years, ensuring a sure grip and avoiding blisters. Highly versatile. You can row, open a can or tie knots with these gloves on. The suede palm does not stiffen, and the mesh back dries quickly.

2430 S,M,L \$20.95

D Rafter's Gloves Light, strong and comfortable, the rafter's glove features a two finger mesh strip on the back for ventilation and drying. The main body of the glove is vinyl-impregnated cotton to reduce the chance of blistering. Try them for rafting, canoeing, windsurfing, or even racquetball. Sizes: S(7-7 1/2), M(7 1/2-8), L(8-8 1/2), XL(8 1/2-9). (Send us a tracing if you're not sure of your size.)

2425 S,M,L,XL \$6.25



Aquaseal Simply the best wetsuit/drysuit repair material available. Works on scratches and scrapes on your raft too! Use COTOL for cleaning and to speed Aquaseal's curing time. UPS surface only.

2292 1 1/2 oz tube Aquaseal \$5.50

2293 4 oz can COTOL Cleaner \$5.25

WATERLINE
Wetsuit Sizing Chart

Men	Chest	Waist	Weight	Height	
Small	34-36	30-32	125-145	5'5"-5'9"	
Medium	37-39	32-34	145-165	5'8"-5'11"	
Med/Large	38-40	33-34	155-165	5'8"-5'11"	
Large	38-41	34-36	165-185	5'8"-6'1"	
X-Large	41-44	36-40	185-210	5'10"-6'3"	
Women	Chest	Waist	Weight	Height	Hips
Small	32-34	22-24	100-110	5'0"-5'6"	32-36
Medium	34-37	23-26	110-130	5'3"-5'8"	34-38
Large	36-38	26-28	125-145	5'5"-5'10"	36-40



Flexible Comfort

The Waterline is manufactured from top quality 3 mm (1/8") thick neoprene, faced with royal and navy blue stretch nylon on both sides. Seams are lock-stitched with dacron/polyester thread and lie flat for extra comfort against your skin. Nylon braid reinforces each seam and edge, giving the suit a handsome, distinctive look. Comes with a lifetime guarantee against defects in workmanship and materials. Call NRS Customer Service (208) 882-2383 for information on custom suits and accessories. Mens sizes: S, M, ML, L, XL. Women's sizes: S, M, L. Please see sizing chart.

Waterline Farmer John A sleeveless suit cut like a farmer's bib overall with a rounded neck, deep armholes, and a Velcro shoulder opening with snap. The suit features leg zips for easy pull-on and take-off, and extra padding for the knees and shins. A favorite of rafters, kayakers and canoeists for all around comfort and protection.

2200 Men's \$100.00

2210 Women's \$100.00

Waterline Jacket The Waterline Jacket comes with a stand-up collar, full-length front zipper, and wrist zips. Underarm gussets for extra comfort when paddling, rowing or windsurfing. The long cut of the jacket minimizes upward "creep" and provides good thermal protection.

2205 Men's \$71.50

2215 Women's \$71.50

Wetsuit Glue This black liquid neoprene comes in a 4 oz can with brush top. UPS ground only.

2291 \$4.00

Wetsuit Material This black neoprene, faced with blue nylon, works great for patching wetsuits, spray skirts, or making your own paddling accessories. 1/8" thick and approximately 38" wide. Sold by the running foot.

2290 \$14.95/ft



Foul Weather Protection

A Sea Anorak This fine pullover style jacket from Blue Puma has everything you want in a sea kayaking anorak. Finely crafted of waterproof 4 oz pack cloth with a 3/4 front zipper, underarm zips for ventilation, and a spacious double-entry zippered kangaroo pouch for daily necessities. Features adjustable neoprene cuffs for watertight warmth, a removable stormproof hood, and cozy warm pile around the neck. The handy bellows pocket on one sleeve has an internal lanyard loop for safekeeping of your compass. Adjustable bungee cord drawstring closures at the waist and hood along with the factory sealed seams make this a weatherproof jacket. Great for sea kayaking, mountaineering, skiing, or as an excellent everyday raincoat. XS fits men's chest size 32"-34", S(34"-36"), M(38"-40"), L(40"-42"), XL(42"+). (Bright Yellow).
2540 XS,S,M,L,XL \$80.50

You'll be sittin' on top of the world

B Blue Puma Breeze Slap in a Beach Boys tape, grab your kayak and lets go surfin'. 1987 is the year to break out of the solid color syndrome. Blue Puma leads the way with their abstract color Breeze paddling jacket. This urethane coated nylon jacket is as attractive as it is functional. The neoprene cuffs are 3" wide with velcro closure to insure a good seal. It also has a water resistant pouch and bungee cord waist. The neck seals with a neoprene velcro neck and locking gusset zipper. See sizing chart.
2545 XS,S,M,L,XL \$62.50

Best Selling

C Blue Puma Paddling Jacket When worn over a paddling sweater, makes paddling in adverse weather conditions about as comfortable as it can get! Neoprene/velcro neck and cuff closures seal out the water. Raglan sleeves give excellent arm and shoulder mobility, and the drawstring waist lets you adjust the jacket for a good fit. "Tooth-hold" on the cuff so you can zip it with one hand, and a zippered chest pocket. Ventilation zippers at neck and cuffs. Super K-Kote taffeta. (Cobalt Blue, Red trim). Sizing chart below.
2500 XS,S,M,L,XL \$49.95

Not Just For Kayakers

E CKS Basic Paddling Jacket Combines high quality and reasonable price in a jacket designed to allow maximum freedom of movement. Comfortable neoprene/velcro cuff and neck closures, and an elasticized bottom hem for a close fit over your spray skirt. (Royal Blue). Men's chest sizes: XS(28"-30" chest), S(32"-34"), M(35"-40"), L(40"-44"), XL(45"-50")
2550 XS,S,M,L,XL \$32.50

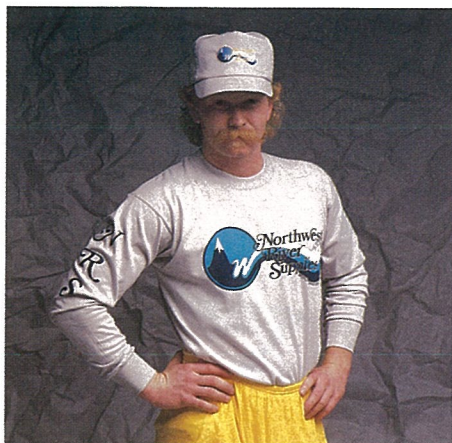
D CKS Freedom Jacket This jacket is cut to allow freedom of movement and features comfortable neoprene/velcro cuff and neck closures. Elasticized bottom hem for a snug fit over your spray skirt and a water resistant chest pouch for emergency items. Silver. Men's chest sizes: XS(28"-30"), S(32"-34"), M(35"-40"), L(40"-44"), XL(45"-50")
2555 XS,S,M,L,XL \$53.95

Blue Puma Sizing Chart

Men's chest size	M 38"-40"
XS 32"-34"	L 40"-42"
S 34"-36"	XL 42"+



TOLL FREE ORDER LINE
800-635-5202



Join the team!

NRS T-Shirt This season we offer a choice of long or short sleeve t-shirts or the new cozy-warm long sleeve sweatshirt with the NRS logo splashing across the chest. Long sleeve shirts also have our initials down one sleeve. (Chest sizes: S(34"-38"), M(38"-40"), L(42"-44"), XL(46"-48").)

- 2650 Long Sleeve S,M,L,XL \$9.95
2655 Short Sleeve S,M,L,XL \$8.50
2660 Long Sleeve Sweatshirt S,M,L,XL \$14.95

NRS Hat Keep the elements off your head! Our baseball-style cap has the colorful NRS logo embroidered on the front and has an adjustable leather strap in the back. Available in two fabrics: lightweight water repellent 65/35 poly-cotton oxford cloth that is ideal for the spring and summer, and a rugged 8 wale, 10 ounce corduroy that's great for the fall and winter. One size fits most. (Silver-gray, Berry, Dark Blue; list second color choice).

- 2470 Poly/Cotton \$8.75
2471 Corduroy \$9.25



Cool and Comfortable

Extrasport Shwabbies Comfortable, durable, and fast drying these stylish shorts are made of Supplex nylon with a tricot inner brief. Outer material has been treated with a rain and stain repellent. Zippered pocket in back provides a secure way to carry money and identification. Waist Sizes: XS(24"-26"), S(28"-30"), M(32"-34"), L(36"-38"), XL(40"). (Gray or Blue).

- 2600 Gray XS,S,M,L,XL \$17.00
2605 Blue XS,S,M,L,XL \$17.00



Weather Any Storm!

A Boater's Jacket The pullover coated taffeta Boater's Jacket features a cozy pile-lined collar which zips up snugly for warmth. The double front pocket provides zippered storage and a pile-lined handwarmer pouch. Elasticized cuffs, sturdy brass snaps. (Cobalt Blue). See Blue Puma sizing chart.

- 2505 XS,S,M,L,XL \$42.50

B Boater's Pants The coated taffeta Boater's Pants have an elasticized waist secured with snaps and locking zippers, and velcro ankle cuffs. 4 oz pack cloth in the seat and knees for reinforcement. Handy thigh pocket. (Cobalt Blue). Waist sizes: S(26"-28"), M(30"-32"), L(34"-36"), XL(38"+).

- 2510 S,M,L,XL \$48.50

CKS Whitewater Sweater-Jacket

Constructed of ADF nylon pile; a unique material ideally suited to action sports. It reflects body heat and wicks moisture away from your skin. It's soft as cotton, and keeps you comfortable even when wet. Full front zipper and roomy front handwarmer pockets. Made to be worn under a paddling jacket or over a farmer john wetsuit. Chest sizes: XS(33"-35"), S(35"-37"), M(39"-41"), L(43"-45"), XL(47"-49"). (Navy w/Maroon).

- 2560 XS,S,M,L,XL \$44.95

Pile for Your Legs

C Pile Pants Blue Puma's comfortable nylon-pile pants offer warmth on chilly days. Adjustable bungee cord waist, ankle zippers and front slant pockets. (Royal Blue). Waist sizes: S(26"-29"), M(30"-33"), L(34"-36").

- 2525 S,M,L \$49.50

Pile for Paddling

D Blue Puma Paddling Sweater Crafted of durable Antron nylon pile, the Blue Puma Paddling Sweater is warm, lightweight, non-restrictive, and dries in a breeze. It features 3/4 length sleeves and a fleecy crew neck for extra comfort. A proven performer on many of the world's rivers, from the Alsek to the Zambezi. (Navy). See sizing chart below.

- 2515 XS,S,M,L,XL \$38.00

E Blue Puma Lite-Pile In response to customer requests, we have found a lighter weight pile for true three season wear. Most heavy duty pile is too hot and confining to wear under a drysuit or paddling jacket in the late spring and summer, so we tried the new Blue Puma nylon Lite-Pile early last fall. It worked great! We stayed warm and comfortable and didn't sacrifice mobility. Pullover style shirt is simply styled with a short, fleecy collar and neck zip. Pants have an elasticized waist with drawstring and velcro adjustable cuffs. See Blue Puma sizing chart. (Cobalt Blue).

- 2530 Shirt S,M,L,XL \$38.00
2535 Pants S,M,L,XL \$35.50

Whitewater Rafting By Bill McGinnis. Our best seller. Indispensable. Includes chapters on equipment, reading and running whitewater, emergencies and first aid, food, cooking, and camping. Covers selected American rivers. 2800 \$8.95

The Whitewater River
Book Ron Watters' guide to river running covers kayaking and rafting techniques in a refreshing, entertaining style. Highly recommended. 2801 \$12.95

Hells Canyon Guide Spiral bound. Quinns. 2816 \$6.95

Floater's Guide To Montana It's back! Hank Fischer's newly revised all-purpose guide to Montana's 26 major streams. 2809 \$6.95

Washington Whitewater 15 of Washington's finest rivers. 2808 \$8.95

River Runner Recipes Patricia Chambers. 2825 \$7.95

Colorado Whitewater Jim Stohliquist. 2806 \$12.95

California Whitewater Jim Cassidy and Fryar Calhoun. 2807 \$17.95

Lower Salmon River Guide Compiled by the Idaho Bureau of Land Management. Water resistant. 2824 \$3.00

The Colorado River in Grand Canyon—A Guide Features introductions to weather, geology, human history, and river running. Complete river strip map. Larry Stevens. 2822 \$11.75

Rivers of the Southwest: A Boater's Guide to the Rivers of Colorado, New Mexico, Utah and Arizona Comprehensive 129-page guide. Anderson & Hopkinson. 2812 \$14.95

Grand Canyon River Guide, Dinosaur River Guide, Canyonlands River Guide, Desolation River Guide Waterproof. Belknap. 2818 Grand Canyon \$10.95
2819 Dinosaur \$10.95
2820 Canyonlands \$10.95
2821 Desolation \$10.95
2817 Snake River Guide-Huser and Belknap (Jackson Hole area) \$6.95

Handbook of the Middle Fork of the Salmon, Handbook to the Rogue River, Handbook to the Deschutes, Handbook to the Illinois River Canyon Spiral bound river log. Quinns and King. 2813 Middle Fork \$14.95
2814 Rogue \$12.95
2815 Deschutes \$12.95
2829 Illinois \$14.95

The Guide's Guide By Bill McGinnis. It's clear that a lot of thought went into providing all you ever wanted to know about professional river trips. 2823 \$8.00

Class V Briefing Bill McGinnis' new book is written for professional boatmen as the perfect companion to the Guide's Guide. 2828 \$5.95

The Middle Fork and Sheepeater War, River of No Return, Snake River of Hells Canyon By John Carrey & Cort Conley. The **Middle Fork** includes a narrative of the Sheepeater Indian War while **River of No Return** covers the Main Salmon from its headwaters to the confluence with the Snake. **SNAKE** covers from Hells Canyon to Lewiston, Idaho. 2803 Middle Fork \$9.95
2804 No Return \$10.95
2805 Snake \$12.00

Idaho River Tours & Oregon River Tours Idaho covers all parts of the Salmon and the Hells Canyon of the Snake. **Oregon** describes thirteen river tours in that state. John Garren. 2811 Idaho \$5.95
2810 Oregon \$6.95

Videos

California Whitewater A selection of some of California's greatest whitewater, including the North Fork of the Eel, Tuolumne, North and South Forks of the American, Cherry Creek, California Salmon, and the Upper Kings. Set to music. 2840 \$35.00

Whitewater Highlights of 1986 Highlights of trips on 16 different rivers in 8 western states. 50 minutes. 2841 \$40.00

Grand Canyon 1985 Three different trips featuring rafts, kayaks, and the legendary "little dories". Filmed after the floods of '83 this video shows a totally new Crystal rapids. 40 minutes. 2843 \$40.00



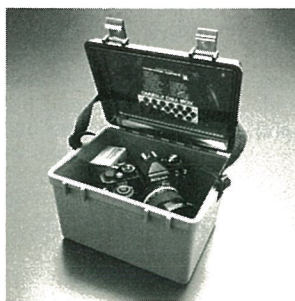
Roll-A-Table!! The Roll-a-Table is one of our hottest sellers. Who hasn't set a full plate of food on a log then spilled it reaching for more coffee? The Roll-A-Table provides a secure, even 32" x 32" surface. The 27" aluminum legs will support up to 175 pounds. The Roll-A-Table's top is enclosed in a durable, waterproof vinyl laminate which doubles as the carrying case. Rolled up, the compact bundle (33" x 6"; 11 lb) can be easily strapped to your raft's rowing frame. 2717 \$29.95

Roll-A-Stool You won't believe that a camp stool could be this comfortable. Supports 250 pounds easily, folds down and has a carry strap. 2716 \$10.95
Three or more just \$9.95 each

Pelican Case The Pelican Case is easily the best waterproof, dustproof, and airtight case on the market today to protect your valuable camera gear, instruments and expensive equipment. Pluck-n-Fit foam allows you to custom fit the interior of the case to your needs and cushion your equipment from rough use. Each case is made of ABS Structural Resin that is unconditionally guaranteed for life. It can be carried either by its built-in handle or 2" webbing adjustable shoulder strap (optional). The small size has interior dimensions of 12 1/4"L x 9 1/4"W x 5 1/2"D; Regular: 17 7/8"L x 11 3/4"W x 6 1/2"D; Large: 22"L x 17"W x 8"D. 2985 Small \$52.50
2986 Regular \$89.95
2987 Large \$135.00
2988 Shoulder Strap \$7.95



Diver's Dry Box The neoprene O-ring seal in this box keeps your valuables dry and safe from spray and accidental dunkings. The see-through lid allows you to see what's inside. Constructed of break-resistant Lexan, high impact ABS plastic and corrosion-resistant stainless steel. The large size has interior dimensions of 8 1/4"L x 6"W x 5 1/2"D. Small measures 8 1/4"L x 6"W x 3 1/2"D. Carry strap included. 2990 Large \$15.95
2991 Small \$14.00



It's Cool!

Gott Coolers Born out of necessity in the parched Oklahoma oilfields, Gott today offers a line of portable coolers unsurpassed in the world. Henry P. Gott would be proud. We carry five of Gott's most popular Marine Chests; excellent coolers for river camping and general use. Gott Coolers carry a three-year normal-usage guarantee covering defects in material and workmanship.

50-Qt Gott has two refreeze bottles in the hinged lid, integrally molded Quikgrip handles, removable storage bin, Snaploc latch, drain plug, and outside dimensions of 25 1/2"L x 15 3/4"W x 15"H. Fits nicely in the stern compartment of the NRS Otter raft.

80-Qt Gott has the same features as the 50-Qt, with three refreeze bottles, two removable storage bins, and dimensions of 34 1/2"L x 16 1/2"W x 15 1/2"H.

New for 1987! Destined to be the cooler of choice for all rafters, the 102-Qt Gott combines the best features of the 50-Qt and the larger 120-Qt. It has two large refreeze bottles that screw into the lid or fit into grooves located in the cooling space. The split lid design helps keep the cold in. Measures 37 3/4"L x 17 1/2"W x 17"H and is shipped UPS.



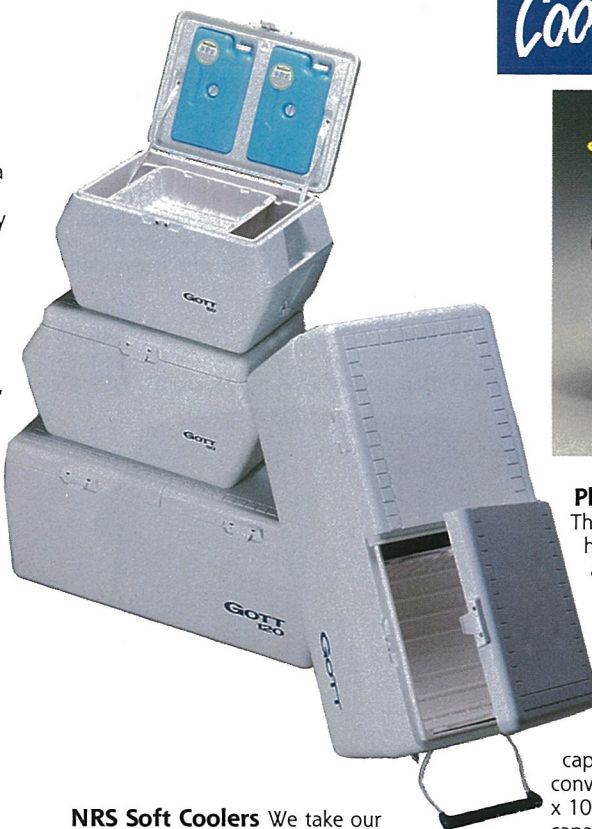
For large groups, we offer the 120-Qt Cooler. Features extra-thick insulation, cushioned rope carry handles, drain plug and removable storage bin. Unique two-part lid allows access with minimum loss of cold air. Measures 38 1/2"L x 18 1/2"W x 17 3/4"H. Shipped motor freight collect.

Spacious 172-Qt is the choice for extended trips with large groups of people. Same features as the 120-Qt, with dimensions of 45 1/2"L x 21 1/2"W x 19 3/4"H. Fits in our Super or Bighorn rowing frames. Motor freight collect.

1250	50-Qt	\$53.25
1251	80-Qt	\$95.00
1252	102-Qt	\$114.50
1253	120-Qt (MF Collect)	\$165.00
1254	172-Qt (MF Collect)	\$272.50

Waterproof Aluminum Dry Box 4.8 cu ft of rugged waterproof storage space in this high-tech aluminum dry box. Excellent cargo box for our Bighorn II rowing frame. Constructed of lightweight, maintenance-free .080, 5052 marine aluminum, the Dry Box weighs only 29 lb. Smooth, heli-arc welds with a 24" piano hinge for the lid, folding carry handles and two special tension-adjustable latches. Waterproof foam seal inside the lid. Optional 1" ethafoam for the top and bottom of the box. 40"L x 13"W x 16"H.

1282	Dry Box	\$229.00
1281	Ethafoam (2 pieces)	\$25.00



NRS Soft Coolers We take our cold food and drink seriously here in the Northwest and are proud to offer these new high-tech Soft Coolers first at Northwest River Supplies.

Space-age reflective Mylar insulation is sandwiched between two layers of flexible and rugged 18 oz PVC coated Dacron to create a cooling space that rivals the best rigid coolers available. Between trips, just fold them up and stash them conveniently in a closet. Coil zipper entry is backed up by an insulating flap and all coolers feature padded carry handles and straps.

Besides being great on the river, the smaller coolers are perfect for road trips. The 160 qt size is ideal for fly-in trips where space is always at a premium. The cooler can be compressed and stored in a smaller space as food and drinks are consumed. Dimensions: 12qt (8"L x 8"W x 12"H); 20qt (18"L x 9"W x 9"H); 40qt (20"L x 12"W x 12"H); 80qt (28"L x 14"W x 14"H); 160qt (36"L x 18"W x 18"H). (Deep Blue).

1260	12 qt	\$25.00
1261	20 qt	\$40.00
1262	40 qt	\$51.00
1263	80 qt	\$72.50
1264	160 qt	\$110.00



Coolers/Dryboxes

37



Plastic Barrels Meet our Barrel family: These rugged, waterproof plastic containers have a two-piece lid (like a mason jar) with a watertight rubber O-ring seal to provide a foolproof, economical means to keep your food and gear dry on even the wildest rivers.

Papa Barrel measures 36" x 21", with a 13" opening, and a capacity of 50 gallons. Mama Barrel measures 24" x 17", 7 1/2" opening, 15 gallon capacity, and features molded handles for convenient tie-down. Baby Barrel measures 17" x 10", with a 5 1/4" opening, and 5 gallon capacity. (Barrels originally used to import food products, some may have a slight but interesting fragrance).

1290	Baby Barrel	\$9.45
1291	Mama Barrel	\$21.50
1292	Papa Barrel	\$35.00



Dry Box Loyal followers of Northwest River Supplies may recognize the Dry Box from many years ago. For 1987, we are happy to reintroduce the Dry Box in its new improved version. Constructed of impact and tear resistant 1/8" polyethylene, the Dry Box carries the manufacturer's 3 year guarantee against tears and cracks. The lid features a closed cell neoprene gasket to seal water out and is held in place with easy to use high tension shock cord. Works great as a waterproof (chip-munkproof too) gear box on extended canoe trips or as a rigid kitchen box on rafting excursions. The Dry Box was highly praised by SOBEK Expeditions after the recent Alas River descent in Sumatra.

Measures 31"L x 25"W x 17"H with a generous 4.5 cu ft capacity. Makes a great weathertight cartop carrier too! Weighs 16 lb. Forest Green.

1285		\$135.00
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Often Imitated, Never Equaled

Based on 15 years of river running experience, NRS has created the most functional line of waterproof bags available, and we're proud of their reputation. People use them not only for water sports such as rafting, canoeing, sailing, and fishing, but hunters and skiers have discovered their advantages as well. We offer a wide range of sizes and features from the extra large Basic, System-5 and Kitchen Bags, through the Bills Bag series and on into the Tuff Sacks, see-thru Ricksacks and Dri-Stows. We're sure you can find a bag to satisfy the need to keep your gear dry.

Bills Bags have our time-proven closure: just squeeze excess air from the bag, press the tabs together, roll down the top flap at least three folds, and cinch the top and side straps down tightly. They have side release buckles for quick access to your gear. The Bills Bags seal best when packed full, so it's a good idea to match bag size to your most frequent use. All sizes of the Bills Bag have rustproof premium quality quick release buckles and 2" padded shoulder straps for portaging. The Basic, System-5 and Kitchen Bags are fitted with our famous triple-track minigrip closure for extra waterproof protection.

All of our waterproof bags are made of tough PVC-coated dacron with leakproof, electronically welded seams. Bills Bags are the original heavy-duty PVC/DACRON waterproof gear bags. The fabric-supported material of these bags will still be shedding water when unsupported vinyl imitations are worn and leaky. All bags carry a one-year guarantee against defects in material and workmanship.



Bills Bag 2.2

Bills Bag 2.2 The personal-sized gear bag. The Bills 2.2 measures 10" x 15" x 25" packed full and provides approximately 2.2 cubic feet of dry storage—enough space for one person's gear on most any trip, and in a handier size than the 3.8 Bills. Same closure method and quality materials as the 3.8 bag. (Deep Blue).

2910 \$46.50

Bills Bag 3.8 Our most popular waterproof bag, the 3.8 cubic foot capacity (13" x 16" x 32" packed full) provides enough room for two persons' carefully packed gear. Constructed of 18 oz PVC-coated dacron and available in Original Orange, Deep Blue, and Camouflage.

If you need an even tougher bag, we now offer a heavier 22 oz Bill's 3.8 with heavy duty bottom. (Red only).

2900 Orange	\$49.95
2901 Blue	\$49.95
2902 Camouflage	\$53.75
2903 Dark Red w/heavy duty bottom	\$59.95



Bills Bag 3.8 HD



Bills Bag 3.8

NRS Patch Kit This kit contains a 3" x 4" piece of clear vinyl, a small (1/5 oz) tube of Vynabond and directions for repairs on all vinyl products. Included with each of our Bills Bags.

2965 \$50

Bills Bag 1.2 This smallest version (7" x 12" x 25") of the famous Bills Bag has all the quality features of its big brothers, but with a 1.2 cubic foot capacity. Perfect for bicycling, hiking, or keeping your daily needs dry and at hand while rafting, canoeing, or sailing. (Deep Blue).

2911 \$41.20

Bag D's For adding tie-down points on any of your NRS Bags. 4" diameter, 18 oz PVC/Dacron patches with sewn-on 1" welded D-ring. (Blue, Orange, Red, or Camouflage). Use #1915 Vynabond for attaching.

2960 Blue	\$2.05
2961 Orange	\$2.05
2962 Camouflage	\$2.05
2963 Red	\$2.05



Dri Stow Bag



Bills Bag 1.2

Dri-Stow Bags The Dri-Stow taught us that many of you are looking for economy as well as quality in a waterproof bag. Well here it is. Easy to use roll down closure with plastic buckle, the Dri-Stow is made of 210 denier nylon coated with industrial strength vinyl. Available in three sizes: S(10" x 8"), M(30" x 16"), and L(40" x 24").

2955 Small	\$7.95
2956 Medium	\$9.95
2957 Large	\$12.95

River Duffel



Buy 4, Save \$4.00

NRS Sea-Stow Bags Another first in waterproof bags from Northwest River Supplies! Specifically designed with the sea kayaker in mind, we have come up with this innovative system of Sea-Stow bags to enable the open-water paddler to effectively organize his or her gear within the long, narrow sea kayak. Since a sea kayaker must keep weight to a minimum, we chose a waterproof urethane-coated nylon material for these new bags. The largest bag offered weighs only 13 oz! Unlike vinyl storage bags, the Sea-Stow's nylon material slides easily along the inside surface of the new fiberglass and polyethylene sea kayaks, reducing loading and unloading time.

All but the largest size Sea-Stow Bag will fit directly through the 8" diameter deck port hatches found on most sea kayaks. The sure sealing roll-down cliplock closure ensures dry gear at the end of the day. Corner grommets for tie-down. Maximum packed dimensions: XS(5" x 10"), S(7" x 14"), M(7" x 24"), L(7" x 34"), XL(14" x 34"). **SPECIAL:** For every set of four different size bags you buy, you get a dollar off the price of each bag! (Bright Yellow).

2970	Extra Small	\$8.45
2971	Small	\$10.50
2972	Medium	\$12.65
2973	Large	\$14.70
2974	Extra Large	\$20.95



Sea-Stow Bags

NRS Gear/Day Bag



NRS Gear and Day Bags For the budget-minded sportsman. Both feature a watertight slide closure, envelope style construction, two corner grommets, and 18 oz PVC/Dacron material. The Day Bag has a 12" opening and is 17" long with the closure in place; Gear Bag has a 20" opening and is 30" long. (Deep Blue).

2930	Gear Bag	\$21.95
2931	Day Bag	\$14.50

River Duffel The NRS River Duffel has an all new look for 1987. Modeled after our Tuff Sack, the New River Duffel has a heavy duty web carry handle and features an adjustable shoulder strap. The NRS Duffel uses the same 18 oz PVC coated dacron material as the Bills Bag combined with the easy access Velcro roll-down closure featured on the Tuff Sacks. Provides plenty of room for one person's clothes for a week long river trip and makes a great piece of carry-on luggage too. 10" x 11" x 26" when packed full. The removable shoulder strap is included. (Dark Blue).

2932	\$25.95
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Ricksack

X-Long Tuff

Featuring the same 18 oz PVC/Dacron, velcro closure and quick-release buckles as the original Tuff Sacks. Measuring 7 1/2" x 7 1/2" x 36", the bag holds the Roll-a-Table and 4 Roll-a-Stools. Ideal for storing your tent and long tent poles or gear in your sea touring kayak. (Deep Blue).

2950	\$24.95
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Tuff Sacks For those who need a bag as tough as the Bills Bag, but with a simplified closure system, the Tuff Sack has a Velcro roll-down closure, 18 oz PVC/Dacron material and quick-release buckle that's both fastener and handle. These bags are great for organizing your gear inside a Bills Bag. For quick access to all those daily necessities—just snap a Tuff Sack around a D-ring, frame, or canoe thwart. For cross-country skiing, snap the Extra-Small Tuff around your belt to hold your wax kit. Tuff Sacks come in four sizes: XS(4 1/2" x 4 1/2" x 12"), S(5 1/2" x 5 1/2" x 14"), M(6 1/2" x 6 1/2" x 22"), L(7 1/2" x 7 1/2" x 28"). Extra-Small Tuff available in Blue or Orange; Small, Medium and Large in Blue.

2945	XS Blue	\$10.95
2946	XS Orange	\$10.95
2947	S Blue	\$12.95
2948	M Blue	\$16.95
2949	L Blue	\$20.50

Tuff Sacks



See the Light

NRS Ricksacks A problem with most waterproof bags is that it's dark in there; even when you open it up it's hard to tell your sweat socks from your skivvies without pulling them out. These clever bags from the laboratories of NRS use a clear, Dacron reinforced, 14 oz PVC material with the time-proven, Velcro roll-down waterproof closure that doubles as a carry handle. Keep this bag as your personal friend, give it a name, or send it off to college if you want. It's yours. Nobody touches it because they see your stuff in it. Great for nighttime necessities—hold a flashlight against the outside of the bag and illuminate the entire contents. For 1987 we are offering the X-Long Ricksack to round out the Ricksack line. Four sizes: S(5 1/2" x 5 1/2" x 14"), M(6 1/2" x 6 1/2" x 22"), L(7 1/2" x 7 1/2" x 28"), XL(7 1/2" x 7 1/2" x 36"). (Clear).

2940	S Ricksack	\$12.75
2941	M Ricksack	\$16.95
2942	L Ricksack	\$20.50
2943	X-Long Ricksack	\$24.95

Waterproof Bags, the Heavyweights



Outfitter Bag

Outfitter Bag This bag was originally designed for commercial outfitters who needed an exceptionally durable yet economical bag. The Outfitter Bag is made of extra-heavy 22 oz PVC/Dacron with leakproof, heat welded seams. While similar to the 3.8 Bills Bag, it has a convenient 1" web carry handle instead of shoulder straps, and comes in assorted colors. Also available in the 2.2 cubic foot size.

2915 3.8 Outfitter **\$39.50**
2916 2.2 Outfitter **\$36.00**

Kitchen Bag



Kitchen Bag We call it our Kitchen Bag, and that's because it is perfect for all your hard-to-manage kitchen equipment. The hard, odd-shaped things that find their way into the kitchen supplies not only make it difficult to get a good seal with a conventional roll-down closure, but they may also puncture the bottom. The Kitchen Bag is our answer. It's a super tough watertight bag you need for any heavy or awkward equipment. This year we made a number of improvements. The most important is the heavy-duty bottom for defense against sharp objects and abrasion. The combination of the 24 oz material, protective cover and 40 oz heavy-duty bottom, makes this bag practically bomb proof. And of course it still has our famous triple track minigrip seal for watertightness. Includes an overlapping 24 oz protective cover with quick release buckles, 1" web carry handles and a rectangular cut bottom. (18" x 23"). (Assorted Colors).

2921 **\$71.25**

More bags inside.

Basic Bag Made of durable 28 oz PVC/Dacron, the Basic Bag is great for sleeping bags, tents, and similar oversized gear. It'll carry gear for two people or one real sloppy packer. It's been my favorite for several seasons.

In addition to the watertight mini-grip closure and quick-release buckle it has two bottom grommets and a center D-ring for tie-down. Run a 3' HD strap through the bottom grommets and you've got handles at both ends!

If you're looking for an extra storage area in your raft just deflate a thwart under the seat of your rowing frame and tie in a Basic Bag. The waterproof ziplock closure insures that your gear will stay dry and you don't have to buy another raft to carry all your equipment. (Assorted Colors).

2920 **\$39.50**



System-5 Bag

System-5 Bags A new series of bags and accessories that let you match your needs to your pocket book so that you just purchase the features you need. Even in its least expensive configuration you still get our triple track mini-grip seal for watertightness and 28 oz PVC coated Dacron material with strategically located attachment points for tie-downs. The roll down snap together top protects the seal. All bags are 12" x 18" x 40" and have approximately 5 cubic feet of storage.

In its basic configuration, it is a large waterproof bag with attachment points for lashing into your craft. Waterproof, and extra tough besides, it offers the best large bag value on the market today. Should you decide to add a carry strap or two, virtually any duffel strap will do. (Order #2926 below).

System-5 Bag This tough, elegant version of the Basic Bag features a rugged 40 oz bottom and three HD D-rings for attaching backpack straps. If you want an extra-large bag that is easy to portage, this system's for you! If your sister-in-law is an amateur geologist who insists on packing her bag with rocks, then brighten her birthday with this reinforced System 5 model. If your trips require long portages, order the padded straps and hip pad.

2925 System-5 Bag **\$52.50**
2926 Shoulder Sling **\$4.55**
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Basic Bag

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Address correction requested

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