

*Northwest River Supplies*  
*1976*



Northwest River Supplies is dedicated to providing white-water equipment at reasonable prices. Recognizing that there are many types of rivers, river trips, and budgets, we carry the best equipment we can find for every level of use and proficiency. Suggestions for new items and comments on existing items are always welcome. Because careful equipment selection can make the difference between quality enjoyment and pure misery trips, we test catalog items ourselves, or get the opinion of knowledgeable users before listing whenever possible. We stock all items except for frames and a couple of the biggest boats which are drop shipped.

To help you in your selection, all items are described as honestly and fairly as we know how.

Most of our items carry manufacturers guarantees of various durations. So far every manufacturer has stood behind their product with great honesty and pride. We aren't sure of some of the items imported from the Orient yet, but naturally we will refund your money on any items you are dissatisfied with when you receive them as well as any defective items. On items which prove less than satisfactory in use, guarantees vary from none to a five-year guarantee against fabric deterioration by Avon. We will try to work something out to your satisfaction no matter what the guarantee.

Hours are 8:30-5:00 Monday through Friday. Someone will be here most of the rest of the time, so if you have any questions or just want more information write or call us at (208) 882-2383. If we aren't there, our answering device will respond after the second ring. So ring twice, hang up and try again for message. Leave name and number (include area code), or address, and we will get back to you.

Because UPS collect charges are only \$.85, you may order by phone and we will send your order out right away. (not advisable for most boats and long oars which must go motor freight because their collect charges are pretty bad.

Our new freight policy is to charge 6% of the invoice for freight with a minimum of \$1.50 and a maximum of \$9.00 (\$150.00 order) in the eleven western states, and \$15.00 (\$250.00 order) in the rest of the U.S. including Alaska. (wet suits \$1.50 flat charge) Long oars 8' and over pay maximum charges. We hope to break even on freight with this policy.

Naturally we are interested in bidding on requirements for government agencies, institutions, outdoor programs and outfitters. Please send us your bid sheets or requirements and we will submit our quotations promptly.

All Orders of \$500.00 or more are Shipped Prepaid Anywhere in the U.S.

## Inflatable Boats

The rubber raft situation has changed a lot since last year. (I know many of you don't like "rubber raft" but let's try to stop the spread of in words and specialized jargon while we can!) First, we explored the costs of designing and importing our own boats, but soon found the costs prohibitive. We have now dropped some of our line of boats to make room for some new and excellent boats from Campways. Last year they really had a lot of bad problems with their boats—some poor design features, leaking seams, etc. We held off until the fall before we were sure they had fixed their defects and would stand behind their boats. Talked to one group on the Middle Fork of the Salmon last year and they had returned two boats as defective and they were on their third boat! The impressive things were: 1) Campways corrected their mistakes and, 2) after all that hassle, the boaters had good things to say about the boat. (It was a Miwok.) After all those problems, we thought Campways might just crawl away and die. However, they came back very strong with more and better boats, top quality workmanship, improved design and a real good policy of standing behind and testing their boats. They now have a series of boats from one just above our cheapest all the way to our most expensive. They have made a major commitment to this business, and are going to lead the field in design for several years to come. Avon has the Premier Quality boat for all around use in the Redshank, and is also competitive in the largest rafts with the Professional and the Spirit. Both companies offer an unconditional one-year guarantee against defects in materials and workmanship.

We try to offer you a fair price on any boat, but we also recognize that many of our items have established retail prices. Therefore, when a major item such as a raft has an established price, we will offer a package price on the raft plus some accessories. In that way, you can still have our reasonable prices, and we can keep our dealerships. If you don't like our package, suggest your own and ask for a price. Should your local discount store have a lower price than ours on an item, please give us a chance to meet that price. We think the boats we carry are the best in any given price range. Quality is roughly comparable to price, but don't be afraid of the

UDISCO 10 and 14-man boats. We think they are an excellent buy for the money.

103 \$110.00  
6-man Neoprene Coated Vinylon (UDISCO)

Approximately 145" x 70", yellow with blue floor. Good quality. Buyers report these boats to be very strong, durable and resistant to abrasion. This is probably the best boat for those on a very limited budget.

105 NA \$175.00  
6-man Neoprene Boat (Campways)

~~Inflated size approximately 70"x12'4", Grey with Black Floor. When we started asking around for a way to improve smaller rafts, the most mentioned items were cross tubes and raised bow and stern. Here is a neoprene boat with three separate inflatable cross tubes and the ends raised about 8". Also has a motor mount and the usual crummy swivel oarlocks. If you can afford the jump from the UDISCO boat to this one, we recommend you do it. However, it really needs a heavier fabric to go with this neat design.~~

111 \$235.00  
Ten-man Boat. (UDISCO)

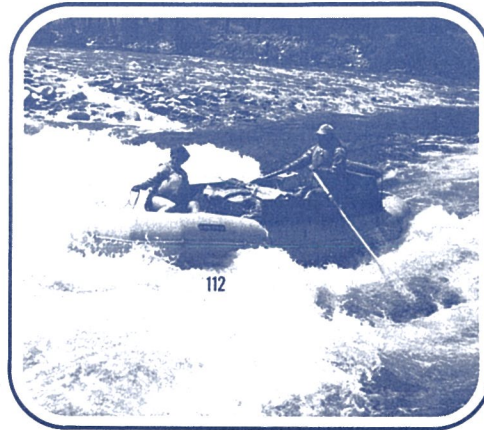
Approximately 68" x 13'6" with 18" tubes and weighs about 65 pounds. Just the right size for most trips. They draw very little water, and with a reasonable load, are just about as maneuverable as a six-man, yet with more stability. This boat is the ticket for most private parties who don't want or need a larger boat and have a limited budget. The floor is pretty heavy-duty but the tubes, though tough, do not have particularly good abrasion resistance and so your frame should be padded, or else put on some wear patches. They hold up well but the fabric does have a tendency to discolor.

112 \$295.00  
Fourteen-man Boat. (UDISCO)

Approximately 6'6" x 16' (inflated) with 21" tubes and about 80 pounds. Will hold more gear than even a strong man can easily handle, yet the boat itself is light and moves well for a larger craft. This is a fine support craft for a fleet of duckies, or kayaks. Also fine for larger rivers such as the Colorado or for commercial and professional use



as a day trip boat. Hypalons have really fine handling qualities and the boat just "snakes" over waves if you use a short frame or hinge a longer one. A good paddling raft, too. We really like this model and recommend it highly. That's me in the picture and these are really a nice boat to handle.



## Campways Line of Boats

Here are some specifics about all the 1976 boats made for Campways in Japan.

They all have recessed hi-volume valves, 3" seam tape, and raised bow and stern. The fabric is 35 oz. hypalon, with a heavy-duty 60 oz. vinylon floor. Individually pressure tested to eight P.S.I. and have a normal operating pressure of 2 3/4 P.S.I. Because the old 10-man army surplus boats used to have problems with the cross tubes leaking and being impossible to patch, many new boats have a sleeve of some type and then strap or buckle the cross tube in. We think that with today's materials, there ought to be a better, cheaper way to achieve this, but it does represent quality construction, and Campways wants you all to know they have spared no effort to produce a quality product. All boats come with repair kit, D rings, and motor mount.

115  
The Piute \$500.00

Inflated size, 5'5" wide and 11' long with 15" tubes, and weighs 50 pounds. This and the Hopi below seem to be ideal boats for those who like a small maneuverable and exciting boat to row or paddle. We have only seen pictures, but the design is excellent. We will definitely use one of these this summer, and think this or the Hopi below will be the most popular of the personal sized boats for all around use.

116  
Piute Package \$515.00

This package includes the Piute above plus a heavy-duty bellows foot pump, and either one pair of 7 1/2' oars or any four Cannon Canoe type paddles.

117  
The Hopi \$625.00

Inflated size, 6' wide by 12' long with 17" tubes, weighing 65 pounds. This boat will be a little drier because of its larger tube size and will have a little more capacity. This is probably the best small size boat for trips, etc. You have enough space for gear and people.

118  
Hopi Package \$640.00

The raft above and all accessories plus a



heavy-duty bellows foot pump and either a pair of 8' ash oars or any four Cannon Canoe type paddles.

120  
The Miwok II \$750.00

Last year's model of this boat gave everyone lots of trouble, but they improved the design and licked the quality problems. Here it is, 6'8" wide and 13'6" long with 19" tubes, and weighs about 130 pounds. (Really a stubby rascal). About a foot wider (inflated) than the UDISCO 10-man. This one ought to go anywhere. One of the disadvantages of a big boat is the problem of what to do







about that long bow sticking out there when you try to change direction. This boat will do the job anytime and anywhere. You can use this raft for people or gear. A perfect raft for many uses.

121 \$785.00  
The Miwok Package

The Miwok complete with accessories, plus a heavy-duty foot pump and two pair of 9' ash oars.

122 \$925.00  
The APACHE

For all you nostalgia buffs Campways has resurrected and improved the 7 man military



assault boat, which some of you think is the ultimate paddle craft. This is 6' wide and 12' long, has 16" tubes with an inflated spray shield, and two laced in cross tubes. From the picture it looks like a good boat. If interested write or call and we will pass on all the latest information.

123 \$975.00

The APACHE package

The Apache, 4 #502 life jackets and any 4 Cannon paddles.

125 \$1,149.00

The Shoshoni III

You can see from the designation "III" on this and the Havasu below, that they really had their troubles getting it together on their big boats! Anyway, this is a big boat 7'8" wide and 16' long with 21" tubes and it weighs 160 pounds. This boat is about the biggest that you are likely to need for private parties.

126 \$1,200.00

Shoshoni Package

Shoshoni complete with accessories, foot pump and two pair of heavy-duty 10' ash oars.

127 \$1,575.00

The Havasu III

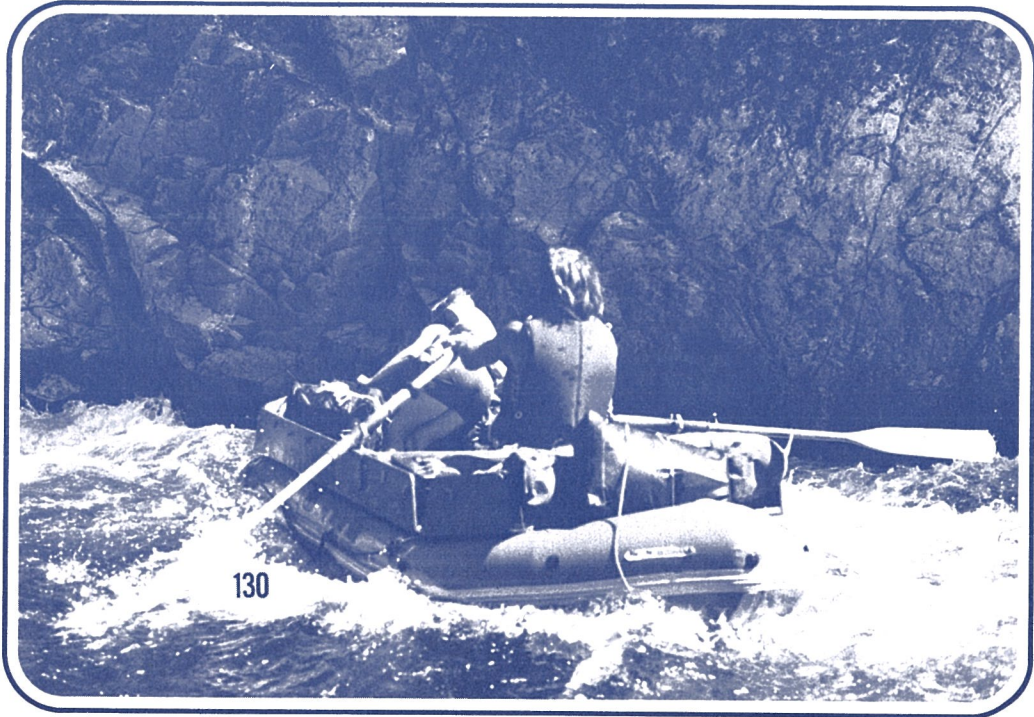
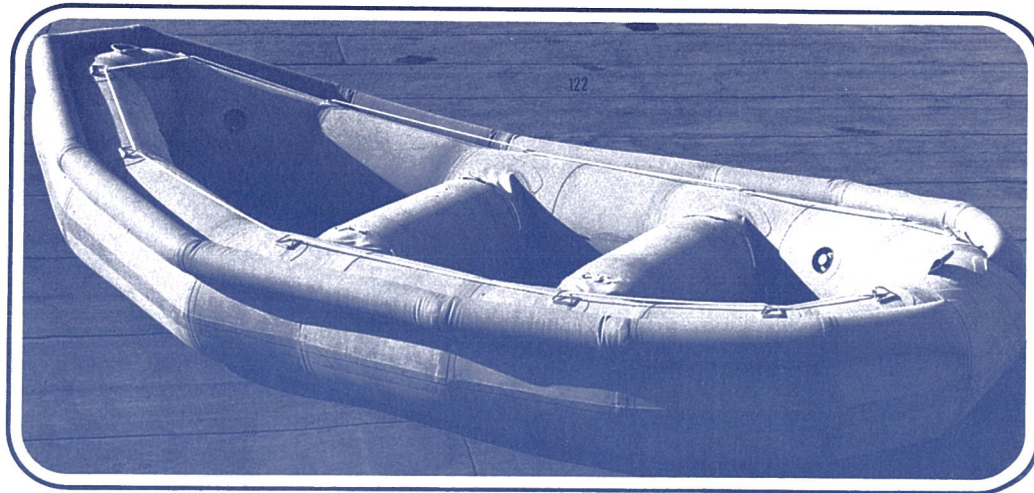
The Havasu II was a very good boat, and this has a couple more improvements, 7'4" wide by 17'8" with 23" tubes and weighs 200 pounds. This is probably the best design in the country. The bow and stern, rather than being made in segments, have been made with a single sweeping curve which is supposed to keep the water from having an angle to break against and, therefore, makes for a boat which is not only drier but, because the stern doesn't have specific resistance points, also gets a real glide from an oarstroke.

This is the design that kept the rafting profession from writing off Campways last year. Now with even bigger tubes, they may have the best single raft ever in this design.

128 \$1,700.00

Havasu III Package

Complete package including boat, electric blower #518, or Hand Pump #505, foot pump #514, and two pair of 10' ash oars. Some boatmen prefer 12' oars for an extra \$20.00





Avon

Avon has been the cadillac of the rafting industry with the Redshank as the best small river craft around. The Redshank is still an excellent boat and the one we recommend to anyone who wants a boat to row, paddle, or put a motor on and go fishing from. However, the Miwok is, and the Hopi certainly should be, a better boat strictly for river running. In the larger boats, the Avon Professional and Spirit are approximately the same as the Shoshoni and Havasu III. Avon has an unmatched reputation for quality and durability. Our guess is that Seagull Marine, the west-coast importer, has had difficulty in persuading the parent company, Avon to make the necessary commitment to river running. Avon also carries a five-year guarantee against fabric deterioration in addition to its one-year guarantee against defects in material and workmanship. Please send for brochure. Other models also available.

130 \$745.00  
Avon Redshank

5'6" wide, 12'3" long with 15" tubes. The Redshank weighs 62 pounds and is still the best all around small boat. Comes complete with two inflatable cross thwarts, integral oarlocks, repair kit, foot/hand pump and carrying bag. This is really a quality boat, and for anyone who wants a small boat for several uses, this is the best.

131 \$760.00  
Avon Redshank Package

Includes bow dodger, and either four paddles or two pair of 6½' ash oars. Add \$10.00 if you use a frame and prefer 7½' oars.

134 \$38.00  
Redshank Motor Mount

Professionals, and Spirits are equipped with duffle bag, high capacity foot bellows, repair kit, pressure gauge, laced-in thwarts, lifelines, large strong D rings, bronze bow and stern handles, carrying handles, storage pockets, and lifted bow and stern.

135 \$1395.00  
Avon Professional Mark II

The Professional weighs 125 pounds and is 7'4" wide and 15' long with 20" tubes. The earlier models of this boat were Avon's first attempt to

produce a commercial model. By 1973, they knew that to really compete they would need a larger boat. At that time, they should also have increased the tube size of the Professional. Now they have taken this boat which many feel gives the best ride of any commercial raft and added a couple of inches to the tube size and made a few other improvements. We rank this boat and the Shoshoni III as approximately equal, with a slight nod to Avon for quality and reputation. Against this you have the slightly lower cost of the Shoshoni.

136 \$1,450.00  
The Professional Package

Includes the Avon Professional and two pair of 9' ash oars and two type 1 life jackets.

140 \$1,750.00  
The Avon Spirit

The Spirit weighs about 150 pounds, and is 8' wide and 17' long with 21" tubes. We hear many complimentary statements about this boat, and recommend it very highly. We did hear from Bob Sevy that it took too much water in from the side, but Bob is used to boats with spray shields, and liked the boat except for that feature. Again, this boat is improved for 1976, it's going to be a tough battle for commercial accounts between Avon and Campways.

141 \$1,800.00  
Spirit Package

Includes the Avon Spirit and two pair of 10' ash oars. For 12' oars add \$20.00

If you are looking at these biggest rafts, you probably know them pretty well already. However, on the off chance we can add something, (It's really tough to get us to shut up!) here goes. Choose the Avon Professional or the Shoshoni for your own use, or regular trips. Try the Havasu III or the Avon Spirit for trips in bigger water and with heavier loads.

Raft Frames

145 \$185.00 and up  
Ken Lewis coated conduit frames

These frames are built and designed by experienced whitewater boaters, and are really outstanding. They have a slanted seat, a cross pipe

for bracing your feet, and an oarlock which will take either the pin and clip oarlock (standard) or a horn type oarlock. Ken and Bill just keep working on the designs all the time and the frames just keep getting better. These frames can be built with space for additional baggage, etc. They will also build special sizes and types to fit your boat. Write for estimates. All prices FOB, Sacramento, California.

148 \$170.00  
Campways Rowing Frame

Heliarc welded aluminum frame with slanted oak seat. Will take either pin and clip or manganese bronze oarlock.

### Inflatable Kayaks (Canoes)

Well, we really like those inflatable kayaks, such as Pyrawa, Sea Eagle and Tahiti, but people keep having horrible problems with the seams. They do carry a one-year guarantee, but we are not sure we want to carry any product which seems very likely to have seam leaks in the second year! We have some Pryawas and Sea Eagles left in stock—write and we will give you a good price as long as the supply lasts.

152 \$250.00  
The "Cherokee"

This is a two-person inflatable kayak (canoe) which is made in Japan and 12'8" long, 2'8" wide with 11" tubes and weighs 40 pounds. We sometimes prefer one person in an inflatable and this boat is too large for good maneuverability by one person. However, it is extra heavy-duty, made with 35 oz. hypalon tube fabric. We have high hopes for this one.

165 \$375.00  
The Spezi (Postpaid)

This is the inflatable kayak we talked about last year. The reports on the Spezi are really fantastic. It will do everything a Slalom kayak is supposed to do: braces, eddyturns, and even rolls! Though it's a little slower than a conventional kayak, its portability, etc., make it a great boat for taking

across the country. Made in West Germany by Metzler to exacting quality and durability standards. Complete with carrying case and adjustable inflatable foot pegs. Uses a standard spray skirt. We are worried about the possibility of being trapped in the boat against a rock or log, though Mr. Peters, the importer, says that because of the high operating pressure (8 P.S.I.), there is little danger of the boat folding around you. Still—be careful. The high pressure necessary for efficient use can only be obtained with the special pump below.

506 \$15.00  
High Pressure hand pump

167 \$12.50  
Pressure Gauge

169 \$400.00  
Spezi Package (Postpaid)

Includes Spezi, pump, pressure gauge, and either deluxe spray skirt or Seda life vest

170 \$95.00  
Pack Raft III

This is a neat little item for backpacking into mountain lakes, crossing rivers, etc. Not really recommended for river running, but lots of fun. Weighs only 3.25#. Anyway, if you already know what it is and are looking for one, we have a good price on it. If you don't know what it is, you probably don't want it anyway! (Comes complete with oars, (1.24#,) inflation bag, etc.)

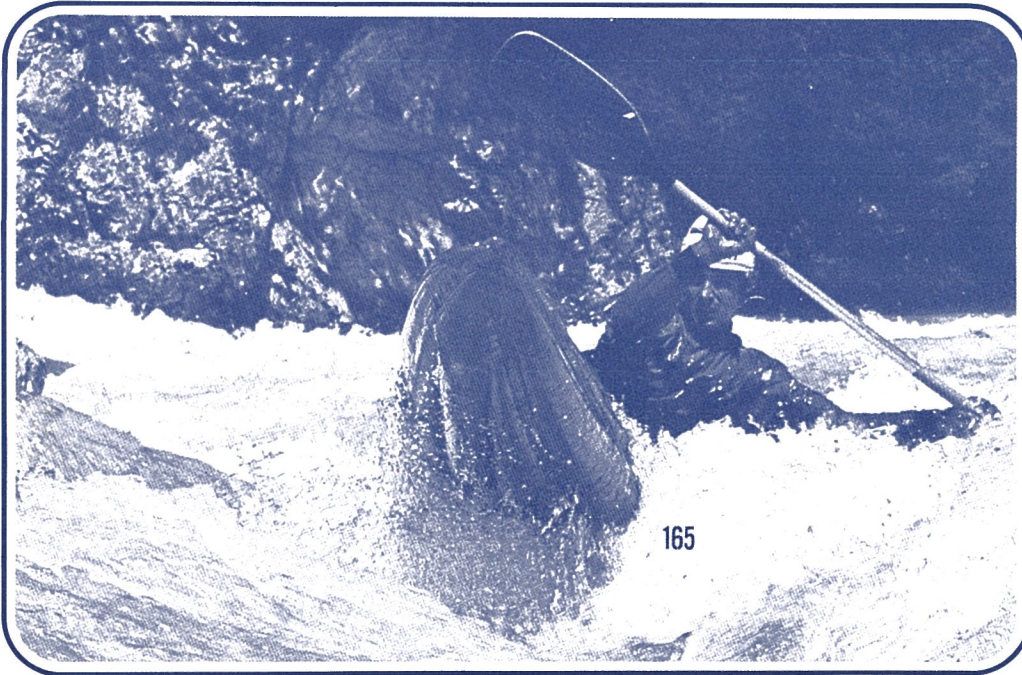




## Kayaks - Whitewater boats by Dick Held

Dick is a real craftsman who believes in providing a top quality boat at a reasonable price. He used to make Javelins, but sold out to one of the big conglomerates about five years ago. Many national and world records were broken with his Javelins. His Javelins were improved all the time and finally took over most of the market. So, look out Hyperform and Easy Rider because Dick is improving these already fine boats every year. They have four layers of glass cloth saturated with Isotholic Resin and extra reinforcements in the bow, stern, and cockpit rim. The top mold is two pieces so the rim can be an integral part of the deck. The boats use the excellent foot braces by Yakima Industries and have either knee pockets (DH-2), or knee (thigh?) (TJ-1) braces. The seats are removable and adjustable to keep you snug in a roll and for heavy water. Dick has also added an extra hole in the nose plug so you can use a wire bike lock to protect your kayak from thieves. We

have looked at all the fine boats available in the West, and these are the best buy. Other boats of this quality are much more expensive, and the other boats in this price range do not have the design of high quality of the Dick Held boats. These boats come in a variety of colors, and can be special ordered in almost any color, even custom prints. We try to keep a representative selection of boats on hand. There are several other kayak models, including a surfing shoe and a double kayak available. Also, a couple of canoes. The brochure has the complete line, though we don't think it does justice to the product. All boats are sold FOB Cedar City, Utah or Moscow, Idaho. They may also be delivered by factory truck or picked up from a Virginia warehouse. Since there are 25,000 students within ten miles, we can often arrange inexpensive shipment during Spring Vacation and semester breaks. This works particularly well if you buy a Yakima kayak rack for your car at the same time.



176 \$235.00  
DH2 - Length 13'2", beam 23-7/8", weight 30-33 lbs.

The DH2 is very maneuverable and has the high volume so desirable for use in big water. The boat has a slight "shovel" shape in front which keeps it from diving when surfing or riding big water. This may be the best surfing kayak in the country. (For rivers: Dick also makes a surfing shoe for oceans). It's substantially higher volume than the Lettemann Mark IV, yet turns like a slalom boat. You can carry all your gear on a river such as the Salmon and still not feel like you are paddling a log. A particularly fine and comfortable boat for larger people.

177 \$225.00  
TJI - Length 13'2", beam 23-7/8", weight 28-31 lbs.

This is a very quick low volume slalom boat. If you don't weigh a lot, or don't carry a lot of gear, then you will probably want a really quick and fun boat such as this. Like all small volume boats, it may have a slight tendency to "pearl" in really heavy water.

179 \$250.00  
TJ-2 Length 14' Beam 25" Weight 32-35 lbs.

A very fine cruising Kayak, excellent for week long trips. Not as maneuverable as the slalom boats, but very stable and tracks well too. If you weigh 230 pounds or more this may be the best answer for kayaking.

## Kayak Paddles

300 \$20.00  
Kayak Paddle with Magnum Blade - 82"-83"

These paddles use Cannon Cyclocac blades, 6061 T6 aluminum shafts and rubber grips with molded ridge to help in orienting the blade. We carried the standard and magnum blades last year, but most kayakers preferred the magnum blades (about the same size as an Iliad) and so we are only carrying this size. While the Iliad Paddle below is probably the best paddle made, this paddle is light, strong and has good balance. This is an outstanding value and it can be used as a spare by removing one blade and shoving both ends under your float bag. Sometimes the blades

need an extra machine screw to hold well after extensive use.

302 \$24.00  
Kayak Paddle - 106"

For the cruising kayakers who use a Klepper, Folbot, Cherokee, or other large inflatables. Except for length, the paddle is the same as above.

303 \$45.00  
82" Dihedral paddle from Whitewater West

This paddle really works well with no flutter. It is curved with a center ridge that seems to make the difference. Perhaps the best semi-spoon blade on the market. It's fairly light and the blade is bigger than some, and we like that!

304 \$58.00  
Iliad Paddle - 82"-84"-86"

The Iliad is not only the best and most durable paddle we know of, but has been improved even more by covering the shaft with neoprene. The neoprene makes a really great grip, and it doesn't take away the heat from your hands in the cold weather. Truly, this is the best paddle we have ever used and its widespread popularity is deserved. Iliad gives a price break for ordering early and in large quantities, and we have passed the savings on. For most people, 82" or 84" is the correct length.

305 \$16.50  
Breakdown Kayak Paddle - 7'

An excellent spare paddle because the snap-lock joint in the middle allows you to break it down and slide it under your float bags. Has the same strong Cannon blades as our other paddles. However, for regular use we prefer a 300 paddle because the shaft is stronger and the snap-lock joints develop some play after use.

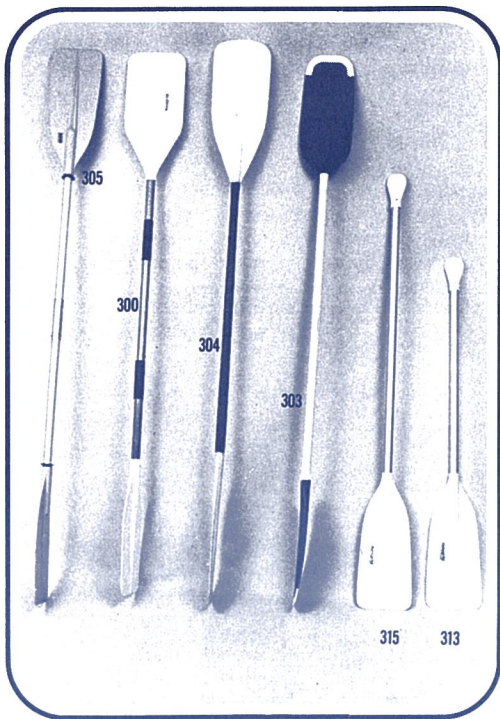
306 \$17.00  
Breakdown Kayak Paddle - 8'

Same as above but longer for use with large inflatables, it is nice because you can carry it in your car trunk when broken down. Don't buy the standard paddles for inflatables because they don't last.

## Canoes

Shipping arrangements are incomplete, but contact us if you are interested.





## Canoe-type Paddles

Aluminum shaft with cycloc blade and top grip. We now have had enough experience with these to say they are very sturdy. The blade is the same good material as the Kayak paddles. The blade has some flexibility, which gives it exceptional strength. The only disadvantage we can see over a wood paddle is the cold handle in spring or fall. These paddles are made by Cannon. The pear-shaped top grip is about the most comfortable around, our canoeing friends say. You might consider using a regular in the bow and a magnum for the stern.

313	4½' length	\$7.25
314	5' length	\$7.50
315	5½' length	\$7.75

317 5' length, but with a magnum blade \$8.25

Regular blades are kind of dinky for paddling rafts in whitewater.

318 5½' length, magnum blade \$8.50

## Oars

With a year's experience with the company, we can say the grain and quality of these Maine Ash Oars is outstanding. We had a little trouble in 1975 when we ran out of the longer lengths and were unable to get more. For 1976, we have laid in a good supply of the longer lengths. The 10 foot oars are real monsters. Very heavy-duty and suitable for commercial use. We always carry the best oars available and have been very satisfied with this company's line of quality oars. We have found the longer lengths very hard to obtain on reorders so if you want lengths longer than 8 feet, you should get your order in as early as possible. Anyway, this Maine company has been providing high quality oars for some of the major outfitters for years, and our oars are this company's finest. They are unfinished and should have several coats of urethane or spar varnish for protection. If you find Spruce oars in your local store, check carefully because Spruce, though light and fairly strong, does have a tendency to break. Painted oars are usually poor quality (painted to hide structural defects). Basswood and cottonwood oars are okay for light work, but for serious whitewater work, ash (or a comparable hardwood) is the way to go. For anything more than a day trip you should always carry two spare oars. Otherwise, you are in real trouble if you break one. Minimum order one pair. Freight is a major problem with oars because the length forces us to ship oars eight feet and longer by motor freight. The shorter oars can go by UPS. Therefore, orders with 8' or longer oars pay maximum freight to your area.

324	6' length	\$16.50 pr.
325	6½' length	\$18.50 pr.
326	7' length	\$22.00 pr.
327	7½' length	\$25.00 pr.
328	8' length	\$32.00 pr.

329	8½' length	\$36.00 pr.
330	9' length	\$44.00 pr.
331	10' length	\$54.00 pr.
332	12' length	\$68.00 pr.

## Oarlocks

345 \$5.50 pr.  
Wynn Clamping Oarlock with 5/8" shaft

These oarlocks clamp on the oar and slip down into the Wynn oarlock socket sold below. They position the oar blade vertically and also hold the oar in a fixed position so it doesn't slide in or out. Spare oars must also have an oarlock on them so they can be put in place. For oars over 8' in length, you may have to substitute longer carriage bolts in the clamp. Not a bad set-up, particularly for someone without a lot of rowing experience. These are really best for smaller rafts and light or medium-duty use.

347 \$24.00  
Set of pin and clip oarlocks

The assembly consists of a case hardened bolt, washers, two oil lite bushings, a rubber safety ball, and a clip (either drilled and tapped for machine screws through the oar or with a carrier assembly). Extra clips are \$6.00 each. Attach the clips with the radiator hose clamps below. We are working on our own design for these - or we may carry some campways clips and our own pin assembly. Drop us a line for latest info.

348 \$1.00 pr.  
Heavy-duty large radiator hose clamps

These are larger and heavier than the kind you will find in most service stations.

350 \$7.75 pr.  
Manganese Bronze Oarlocks

Long shank (3½") or regular (3"). 2" throat, 2-5/8" ID, drilled for keeper. 5/8" diameter shaft. These are sturdy, high quality oarlocks, and if they should be forced open, they can be pounded back in shape in an emergency (for smaller oars you have to pound the throat closed to about 1½"). If you don't specify, we will ship available

length. (These are often difficult to get.)

351 \$2.00 pr.  
Wynn Oarlock Sockets - 5/8" shaft hole

Designed to be fastened to the outside of a block of wood. Has an angle plate with holes for screws or bolts. These are a good set-up but not as heavy-duty as they should be for the big rafts.

352 \$2.00 pr.  
Oarlock sockets

5/8" shaft, hole must be bored for these. Used on many raft frames with side rails. Galvanized. Some people just drill a 5/8" hole in a solid block of oak or ironwood. These are pot metal and you have to be careful or they will crack.

353 \$2.25 pr.  
Oar stoppers

Rubber stoppers to keep the oar from sliding through the oarlock. Some people use a radiator hose clamp on the stopper to hold it in place. To protect the oar from the oarlock, we suggest ¼" nylon rope, wrapped tightly and tacked with very small brads. Put glue on the oar and then wrap the oar at the rope ends with tape. If you put in too many brads, or use larger ones, you can seriously weaken the oar. Even better, turn both ends in and glue and pull tight. Always apply urethane or other protective coating to water-proof the oars. Also, polish the inside of the oarlock to reduce wear. Wilderness World uses rolled up 2" webbing as an oar stop. That way they have a heavy-duty stop to row against. We think they use glue and brads to secure the webbing, but are not sure.

360 \$.08 per ft.  
Braided nylon rope - ¼"

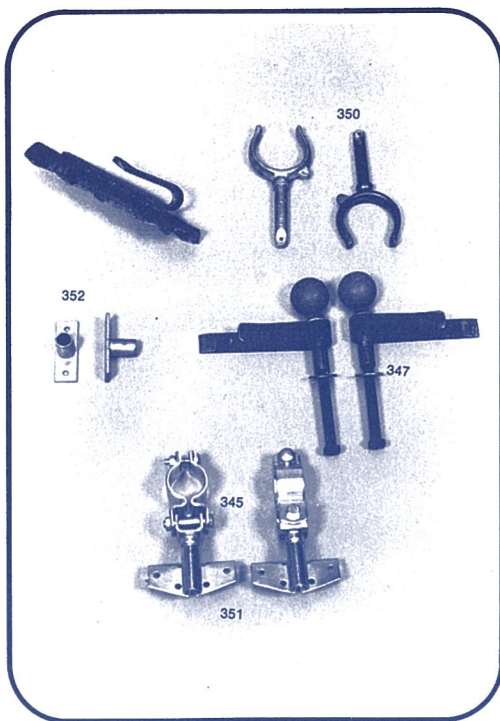
This is the material we use for wrapping oars. About 35' per oar. Check around and you may be able to buy this cheaper in 50' or 100' hanks at a discount store.

## Kayak Accessories

375 \$9.50 pr.  
Foot braces, 9" length; 6¼" adjustment

Yakima Industries. If you are making your own kayak, or have bought one without, these in-

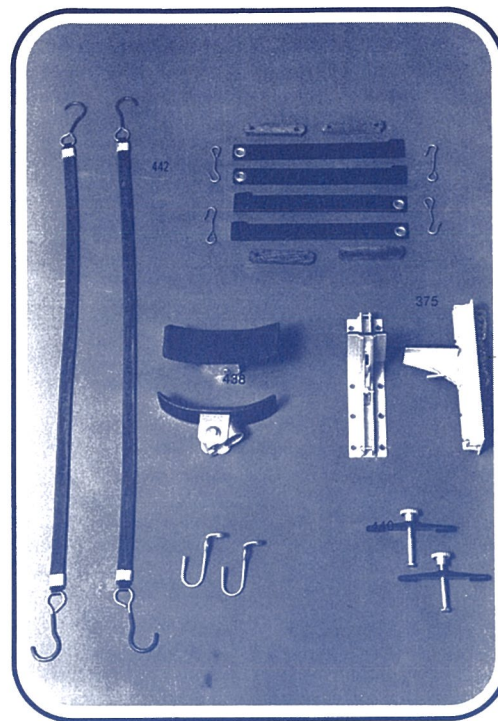




dividually adjustable foot rests are just the ticket. These are the new model with a simple little latch to adjust them easily. You can even adjust with your foot while sitting in the kayak! They have a neoprene covered foot pad and are the best I have ever seen in any kayak. A number of manufacturers switched to them last year. Some customers have taken out the foot rests in their new and very expensive name-brand kayaks and substituted these. We also have these drilled and tapped and with screws and a template so they can be put into the kayak without fiberglass. Add \$.50 for these. However, we prefer to do the extra work and use fiberglass to install them.

376 \$11.50  
Foot braces 12" length 9-3/8" adjustment

These are the same design and manufacture as the 375 except for the longer length and adjustment. These are ideal if you have several different



size people using the same kayak, such as in a rental program at a college. Again, add \$.50 if you want the kit to mount these with screws.

377 \$27.50 set  
Voyageur Storage Flotation Kayak Bags

We have switched to the Voyageur Bag after seeing it in use in some boats and are impressed with these. They have a positive closure that should resist the pressure of big water on the deck. However, they are a little more difficult to get your gear in and out of than the Whitewater Sports Stow float bag. Includes repair kit and patch material.

378 \$16.50  
Flotation Bags - Whitewater Sports

Why risk it? These are a great help in keeping your kayak healthy. 20 mil vinyl high-quality seams, inflation tube, and large deflation valve.

379 \$25.00 set  
Split Flotation Bags - Whitewater Sports

If you have a hollowform boat and use foam pillars, or use them for any other reason, these are what you need.

458 \$2.95  
Repair Kit - Camera and Day Bag

For camera and day bag, also usable on kayak float bags.

385 \$17.50  
Neoprene Spray Skirt

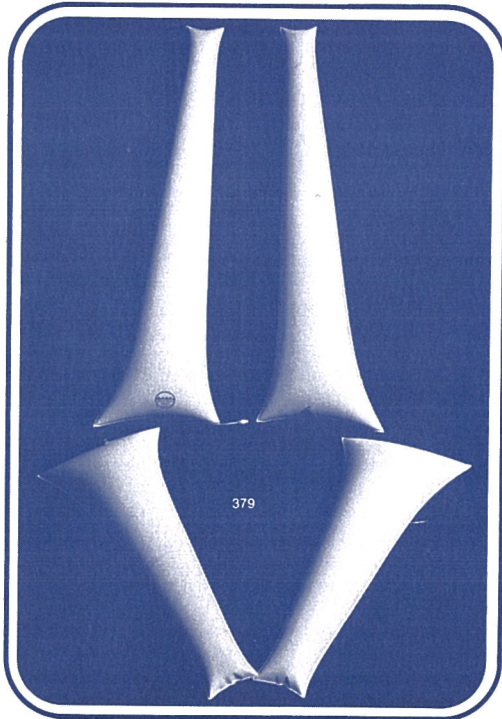
This is a good spray skirt. It fits most kayaks very well. We have worked with Surfer House to improve the design. This is a fine skirt, and we recommend them. M. L.

387 \$24.00  
Super Spray Skirt

Bill Royal and Ken Lewis at The Confluence designed a Super Spray Skirt, and the Hut makes it. This model really is neat. It is not only all glued and taped, but has a reinforced grab loop with a whiffle ball and (would you believe it?) a foam pad built inside the back so you can roll and paddle in comfort. This is the best spray skirt we have ever seen or even heard of. Worth the price. S. M. L.

389 \$43.00  
The "Centaur" Men's sizes, medium and large

Centaur is a wetsuit and spray skirt combination. We combined the #385 spray skirt and a wetsuit top with short arms and heavy-duty zipper. For the good kayaker with a reliable roll, this is really a neat idea. It somehow gives you a feel of being a part of the kayak. However, you must make sure the spray skirt will always come loose from the cockpit rim in an emergency because you probably won't be able to wiggle out of the





suit. (If you swim, it can get cold down below!)

393 \$43.00  
1/8" Rubatex Nylon Covered Neoprene - 40" x 120"

We know there is a high demand for nylon neoprene sheets, but the prices have been going up so often, that we have just given up. We have quite a number of these sheets in blue or orange. (Might last whole season, but order early to be sure.) Half sheets are available for \$25.00. When we run out of these, we are going to bag the whole idea!

395 \$22.00  
Ultimate Helmet

The Ultimate Helmet is an improved model of the Joe Brown climbing helmet. It is excellent quality, molded fiberglass shell, with closed-cell polyethelene foam and a very sturdy suspension system. The best quality helmet on the market to-

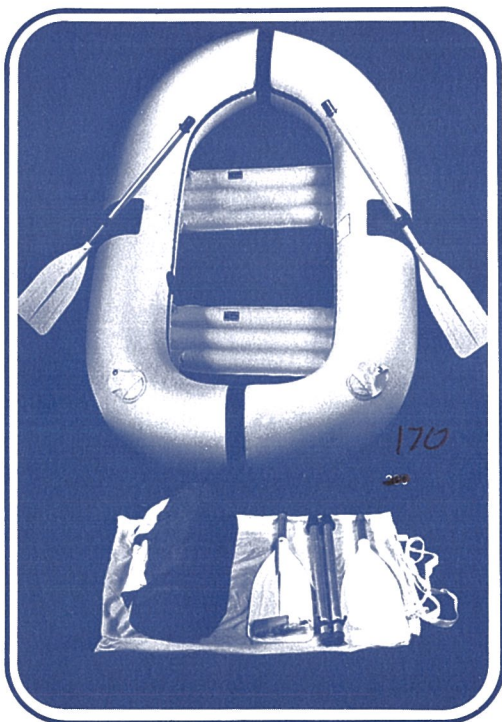
day in our opinion. Not specifically designed for kayaking and therefore does not provide the best protection from a side blow. Better than most however.

Sizes medium and large for head sizes 7 1/8" and up.

396 \$21.00  
Romer Helmet

Here is a suspension helmet designed for kayaking, big drain holes, good side protection, high impact plastic shell. However, not the quality of the Ultimate Helmet above.

We think Romer and Ultimate may be the best choices on the market today, but they both have drawbacks. We will have a top quality and design helmet next year if we have to make it ourselves!

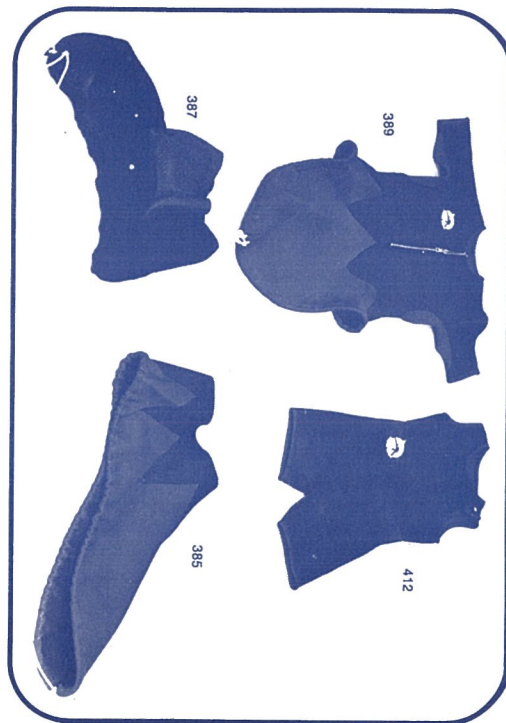


## Wet Suits

Wet suits are a complicated topic and it's taken us some time to learn the relative merits of some types of wet suits. The heavier gauge suits,  $\frac{3}{8}$ " and  $\frac{1}{4}$ " are sometimes necessary for diving because the neoprene compresses at depth. So, while we sell  $\frac{1}{4}$ " suits, they do give you sort of an ape man feel, and aren't recommended except for those who dive or get cold easily. The Pro series with the farmer john pant provides two layers over vital body areas and should be sufficient protection in almost all situations. The  $\frac{1}{8}$ " suits are more flexible and comfortable and offer sufficient warmth for almost all trips including those in early spring. Arm and leg zippers are standard because after a day of kayaking, it's really a drag to take ten miserable minutes trying to get out of your suit. All these suits are of the finest domestic nitrogen blown nylon-lined neoprene with rufftex finish, rolled cuffs, etc. All

suits carry a one-year unconditional guarantee against defects in material and workmanship.

Full suits offer the most protection, and are also the most versatile because you can wear the top or bottom alone. I wear a full suit for really cold weather, and either the top or bottom alone the rest of the time. If the weather is nice, then the farmer john pant gives good protection without roasting. That way, I also have a top to loan out if someone doesn't have their own suit. The short john provides emergency protection for rafters, etc., and is a good kayaking suit for warmer weather. Because it doesn't have arms it provides a lot of freedom, and you don't have to worry about smelling like a goat at the end of the day. The model with short arms and legs gives a little more warmth than the short john and is therefore more comfortable in colder water and air. The long john with long arms provides good protection, and warmth. This suit is popular with those



who are willing to give up some of the versatility offered in the two-piece suits to save a little money.

For severe weather conditons, wet suits of any thickness are often cold, but just wearing a nylon shell of any kind takes the chill off.

Wet suits are available in many models and sizes. If you need a custom suit, or want a different model than we list, just send us your needs and we will reply right away. Because of their low weight, wet suits will be shipped for \$1.50 transportation charge in all cases.

411 \$1.25  
Wetsuit neoprene glue, 4 oz., brush top can.

Really a black liquid neoprene in some sort of solvent base. Use for making your own spray skirts, fixing wet suits, spray skirts, etc. Also useful for repairing rafts.

412 \$30.00  
1/8" Short John-Velcro Shoulder Entry and Snap

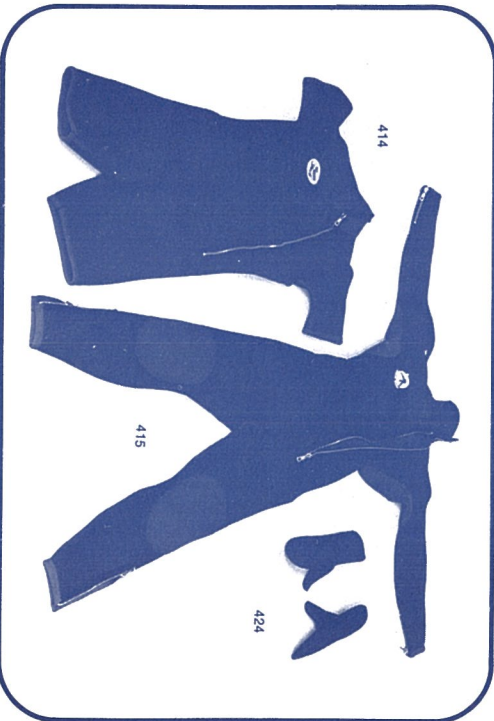
Resembles a one-piece (and modest) bathing suit. Short legs and no arms. Is sometimes worn under other clothing by rafters for emergency protection.

414 \$40.00  
Short Legs, Short Arms, Zipper Entry, etc. 1/8"

We wanted to try this model out, but people kept buying the sample! This is a very popular design and quite comfortable. A number of you said we should carry this model so you better buy some!

415 \$56.00  
1/8" Long John with Sleeves, Five Zippers, Nylon-lined

Shaped like the old one-piece Union suit, ex-





## SIZING CHART FOR SURFER HOUSE WETSUITS

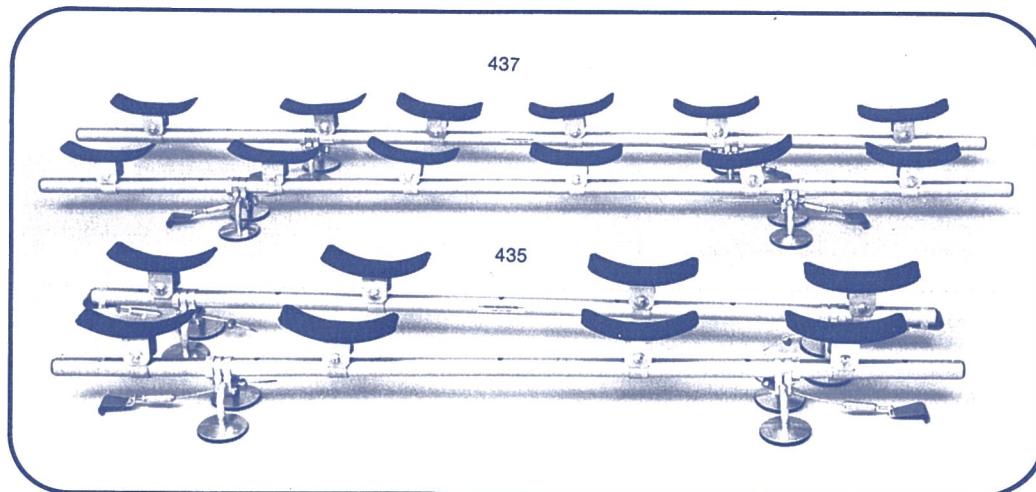
### MENS

Suit Size	Chest	Waist	Hips	Inseam	Pit of neck to ankle	height	weight
S	33-36	28-31	34-36	25-27	50	5'4"-5'6"	120-140
M	34-38	30-33	36-38	26-28	53	5'7"-5'10"	140-160
L	36-41	32-36	38-41	27-30	56	5'11"-6'1"	160-190
XL	37-43	33-38	40-43	29-32	59	6'1"-6'3"	190-220

### LADIES

Suit Size	Bust	Waist	Hips	Height	Weight	Shoe Size	Shoe Size
8-XS	29-31	22-24	31-33	5'0"-5'3"	95-110	XS	3 to 4
10-S	31-33	23-25	33-35	5'3"-5'5"	110-120	S	5 to 6
12-M	32-34	25-27	35-37	5'5"-5'7"	120-135	M	7 to 9
14-L	34-36	27-29	37-39	5'7"-5'9"	135-150	L	10 to 11
16-XL	36-38	29-31	39-41	5'9"-6'0"	150-165	XL	12 to 14

Special orders are available in custom sizes. The cost is \$20.00 above the standard price. Write for custom fitting chart.



cept much better looking. These suits have rolled cuffs, knee pads, etc., and are a good three-season suit.

Haney Pro line of wet suits, made by Surfer House. These suits are top quality, and they come with soft-soled boots, deluxe cold-water hood, arm and leg zippers, beaver tail with twist locks,

rolled cuffs, knee pads, etc., etc. This year we made the arm and leg zippers standard, as well as the farmer john pants. As mentioned earlier, we think most people will be happier with the  $\frac{1}{8}$ " or  $\frac{3}{16}$ " suit, but if you dive or for some other reason need it, the suit is available in  $\frac{1}{4}$ " material and is also available without zippers. Jacket and pants may also be purchased separately, but they



cost more that way.

418 \$90.00  
Haney Pro Suit Complete 1/8"

Jacket with beaver tail, farmer john pants, soft-sole boots, arm and leg zippers, knee pads, rolled cuffs, hood, etc. Available with high waist pants instead of farmer john (\$84.00). Separate jacket or farmer john pants \$48.00.

419 \$97.00  
Haney Pro Suit, Complete 3/16"

Same suit as above in 3/16" neoprene. If you get cold easily, this is probably the ticket for you. If you get really cold or do some cold water diving, this suit is available in 1/4" neoprene for \$106.00.

422 \$9.25  
Surf Boots

Soft-sole without zippers. S, M, L, XL. The best way to keep your feet warm and also protect your feet from stickers and sharp rocks is to wear a pair of soft-sole boots and then wear a pair of tennis shoes a couple of sizes too large over them. Make sure the shoes have a rubber sole instead of vinyl. Some people glue indoor-outdoor carpeting on the soles of the tennis shoes to give them better traction on rocks.

423 \$6.50  
Military surplus hard soled boots-small only

We bid on 102 pair of brand new diver's boots - a good deal while they last. Soft soles available for \$5.00.

424 Kayaking Mits \$7.50

S, M, L, XL. We had a lot of trouble with the durability of our mits last year, and finally replaced all the ones we had sold with new ones which are glued and sewn. These are more comfortable than the usual mits, and they seem to hold up pretty well too.

Kayak Racks - Yakima Industries

The workmanship on these racks, as on all products designed and built by Otto Lagervall is just fantastic. We like these racks better than the very popular Quick-n-Easy both because of its lower cost, and better accessories, as well as the fine quality. Yakima racks have a 1 1/4" anodized

aluminum bar with two quality "feet" on each side padded by 1/4" neoprene, nylon-lined. The saddles for the kayaks are also padded with nylon-lined neoprene. You can also order a cargo tray to go with the basic rack, and also special accessories to convert the rack for ski use. The only difference in the VW rack is longer legs on the "feet" to compensate for the slope of the roof. Some other compacts may need to use this rack.

435 \$29.50  
Complete Standard 54" Bar Carrier

Includes bar with attachments, saddles for two kayaks, rubber belts with plastic covered hooks, for securing kayak to rack, bow and stern hooks, bumper clips, and parachute cord. This is a complete set-up for two kayaks.

436 \$30.95  
Complete Outfit for VW Bug - longer "feet", 43" carrier

437 \$36.50  
6' Bar Carrier with All the Equipment for Three Kayaks

This is the best equipment for a van or bus. Subtract \$5.00 if you only desire saddles for two kayaks. Add \$1.00 for extra strong carrier — not drilled for ski bars. (Recommended.)

438 \$5.50  
One Set Rubber-Lined Kayak Saddles

One set consists of four saddles to carry one kayak. Put them on your own rack. You may have to shim them for smaller bars because the fittings are for a 1 1/4" bar.

440 \$.75  
Ski Bars (Pair) for One Pair of Skis

These are a pretty neat way to use the same rack winter and summer.

442 \$3.50/boat  
Kayak Hold Down Package

Rubber belt with plastisol-covered hooks, rope snubber blocks, bumper hooks, cord, and small bow and stern hooks. All the items necessary to fasten your kayak securely to your bumpers and rack. This package allows you to fasten a kayak to your car in seconds without having to tie a single knot.

This is amazing stuff. Many hundreds of pounds test. Perhaps you have seen the ad in Canoe for 11' of this and four hooks - \$4.50!

Use these to tie down the rubber rope above.

450	\$28.00
-----	---------

451	\$18.00
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452	\$8.75
Delousing Bags - 25" x 59" (flat)	

That old standby from World War II. They are big, absolutely dry, and should hold gear for two people. I have used mine for three years. It developed a couple of pin holes which were easily patched. The ties are made of cotton and are not very sturdy after all this time. After some ties break (about three trips), remove the strip that holds the cotton ties to the bag and sew in nylon cord or tubular nylon. (If you want to get fancy, set up with D rings, etc. Then glue strip back on with neoprene cement.) This is close to the last batch left in the country.

Holds an instamatic or other small camera (won't hold a 35mm SLR). Clips on your belt, or has loops for threading right on the belt. Surplus, but brand new in original package. Perfect!

A 20 mil. vinyl bag with the stow-float type of closure. Two grommets in the bag so it can be tied in easily. Big enough for movie camera (12" x 18").

Same as above but 18" x 24". These are a very popular item. We put in the kayak above the rear flotation bag. Then blow the float bag up around it - twice the room of the camera bag above. We think this is a good day bag. Buy this in preference to the camera bag above because you can always make it smaller by moving the clamp up.

For camera and day bag, also usable on kayak float bags.

These have two clasps on each side, and a slightly rounded bottom which reduces the chance of puncturing the bottom of your raft on one. (Naturally, the box should be suspended above the floor.) Anyway, these are very excellent boxes, for private trips, etc. Also handy for canoeing trips. They have a handle on each end which can be used to tie the box in or suspend it from the frame. They are a better box, both lighter and more space efficient than the standard 20 mm box. We recommend them highly, though our judgement may be colored by our large (150) supply of them! For perishables, we recommend a Thermos, Igloo or Coleman cooler. Make sure it is one you can sit on because somebody will sooner or later!





## Life Jackets

For lakes and quiet rivers, save some money and buy those cheap vests (bibs) at a discount house. For whitewater, get something good!

502 \$13.75

For extra protection we offer the commercial all-vessel jacket. These have vinyl pouches filled with kapok and provide more than 30 pounds of flotation. These are the "Mae West" type. The new ones have a coated nylon fabric instead of cotton. These are a heavy-duty model with a 12-gauge vinyl pouch instead of the standard 8-gauge. All jackets of this type should be treated carefully (do not compress) to avoid puncturing the vinyl pouches.

503 \$32.00  
Seda Life Vest

Size		Buoyancy
Small	Chest to 35"	16 lbs.
Medium	Chest to 40"	17 lbs.
Large	Chest to 45"	18 lbs.
X-large	Chest to 49"	19 lbs.

This model seems to be the best of the specialized kayakers jackets. Orange.

## Blowers and Pumps

505 \$75.00  
Big Barrel Pump

This is an improved version of the pump we wouldn't carry last year at over \$100.00. Now Jim Potochnik has redesigned the pump with many improvements. It is 5½" x 18", has two hoses and a complete set of fittings, plugs etc., this means you can use it on any of our rafts and fill two chambers at a time.



506 \$15.00  
Extra Heavy Duty Hand Pump

3" x 12" This pump is over-engineered, but that sure is a relief after all the problems we have had with low quality pumps. Use this for topping off a raft or inflating the #165 Spezi, but you'll get awfully tired if you try to blow up a big raft with this pump because of it's low volume.

508 \$65.00  
The Big Blower

If you have access to 110 volt, 6.5 AMP, AC or DC, this pump is the answer at a put in. It gives up to three pounds pressure and will inflate an Avon Spirit or Havasu III in under five minutes! There just isn't anything on the market even approaching this for quality and speed. The electric motor is one full horsepower, and it puts out 60 cubic feet per second.

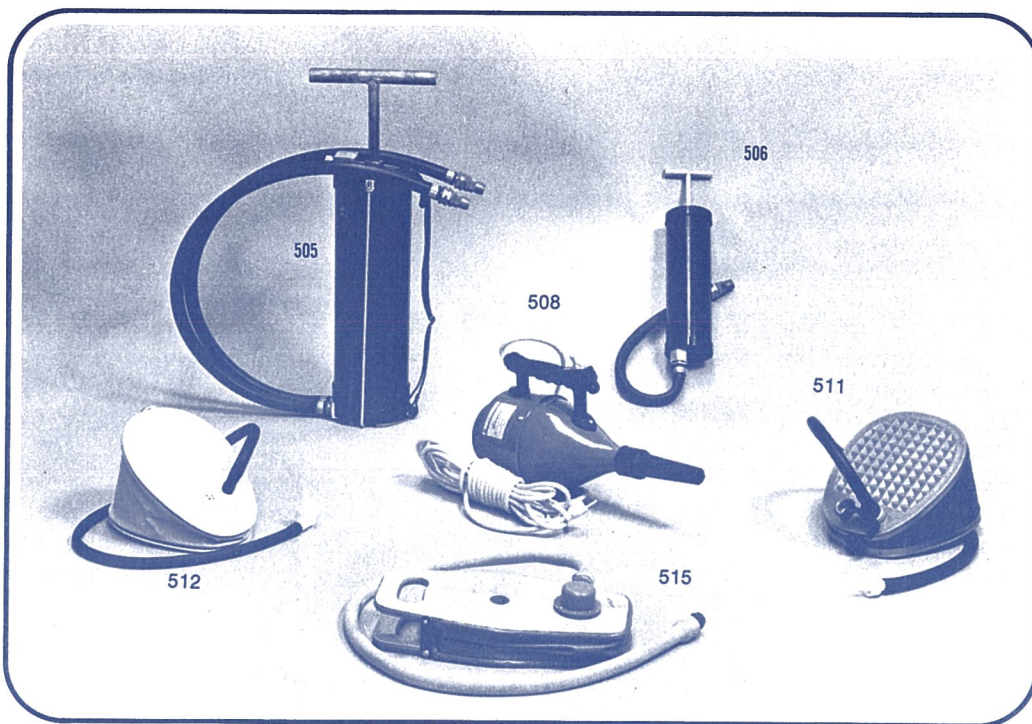
511 \$11.00  
German Pump

The German pump we talked about last year. Better than 512 below in some ways, and slightly higher capacity, but still not the final answer. You really have a choice of the French pump which sometimes breaks across the top. (Be careful), or the German pump which has an annoying habit of leaking around the edges. You may as well choose, and be prepared to do some repair work yourself sometime in the future.

512 \$10.00  
High Capacity Foot Pump

This is from Hutchinson Loisiers Co. (French). Like the German pump above, it has some very good points. However, some people have had trouble with the top cracking. We are sorry we haven't been able to find a final answer in a low-priced pump.





## 514

### Campways New Pump

This footpump has the right fitting for the Campways rafts. Seems to be a pretty good pump. Really too new for us to be sure yet.

## 515

### The Avon Pump

A combination hand and foot pump of unsurpassed quality. These fit (pure chance) the new big valves on the Campways rafts. They really do a good job.

## Repair Items for Rafts

GACO neoprene adhesive.

There really isn't much difference between the different neoprene and Hypalon adhesives. You have to be careful in the way you apply them and prepare the surface. GACO is a well-known and

\$26.50

\$35.00

widely used brand. Remember three things in repairing rafts:

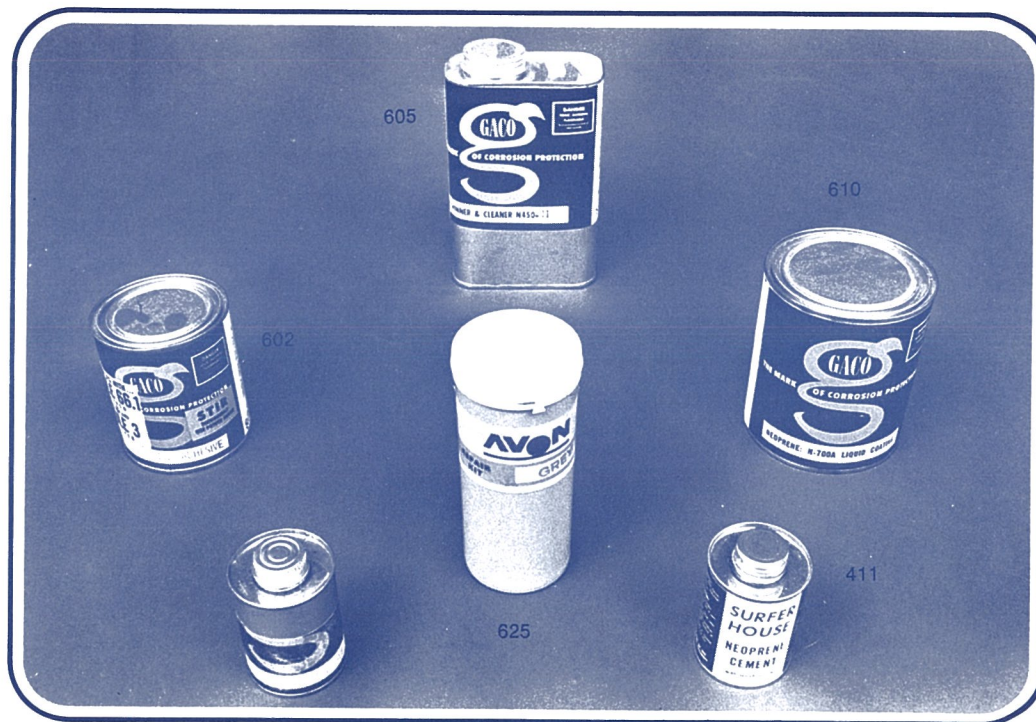
- 1) Use a cleaner and sandpaper or steel wool to prepare the surface.
- 2) Allow the adhesive to dry on both surfaces.
- 3) After contact, press the surfaces together with a roller, or by other means.

600	\$14.50
GACO N-7R Neoprene Adhesive - Gallon	

601	\$5.00
GACO N-7R Neoprene Adhesive - Quart	

602	GACO N-7R Neoprene Adhesive - Pint	\$3.10
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605	\$3.40
GACO N-450-11 Thinner and Cleaner - Quart	



To prepare rafts for painting, and to make the surface ready for patching or other type of repairs, etc., use cleaner and thinner such as this. Also designed to thin the Aluminum Neoprene Paint below. We soak medium steel wool in this and use it instead of sandpaper when preparing a surface for patching. Put a little in the neoprene adhesive to keep it from drying out.

606	\$2.40
GACO N-450-11 Thinner and Cleaner - Pint	
411	\$1.25
Westsuit glue	

GACO Neoprene Maintenance Coating-Aluminum

This is good stuff and can be used to extend

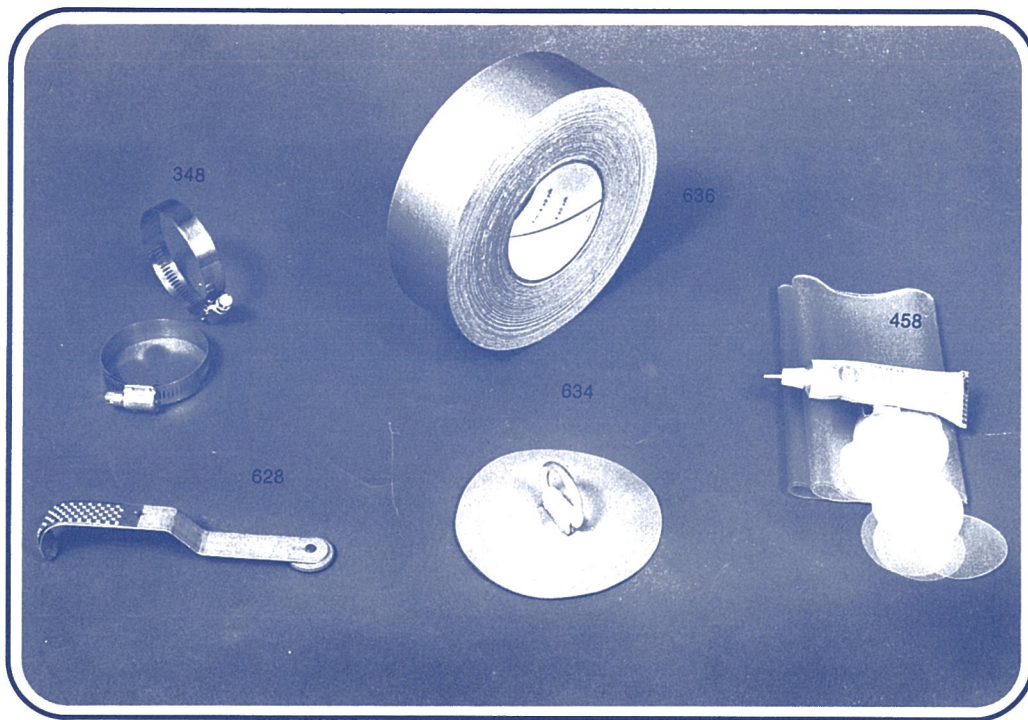
the life of a raft by protecting it from U-V light, and all those nasty things. It is also a good idea to coat black rafts with it to reduce heat build-up. It will normally take about two quarts to coat a 12 or 14-man raft, not including the floor. Thin as necessary with #605 Thinner and also for spray guns.

610	\$7.50
GACO N-700A Aluminum Neoprene Paint - Quart	
611	\$23.50
GACO N-700A Aluminum Neoprene Paint - Gallon	

616	\$2.50
Nylo-flex Patches - Assorted Sizes and Shapes	

These patches are excellent for rubber boats. The nylon reinforced patches are the best thing





for a sturdy patch of a small hole. The nylon reinforcement on the larger patches keeps them from tearing. Use with GACO, or most of the liquid rubber wet suit type glues.

620 \$2.00 yard  
4" Wide Seam Tape  
Can also be used for patching.

622 \$6.00  
Gray Avon Hypalon Coated Nylon Fabric - per running foot 57" wide  
Good material for patching most any boat.

624 \$4.00  
16 oz. Neoprene Material, per running foot, 60" wide  
Aluminum color. For use in lighter boats such as UDISCO HYPALONS, Rubber Duckies, etc.

Also cut in strips to use as seam tape.  
625 \$4.80  
Avon Repair Kit  
Includes round patches, glue, abrasive, etc.  
Very handy and compact - good for day trip use.

628 \$1.35  
Roller and Stitcher with rasp  
These are used to roll a patch down to get a good bond

458 \$2.95  
Repair Kit for Vinyl Camera and Day Bags  
Also usable on kayak float bags.

632 \$4.00  
NRS Riverboat "D" rin Patches 1½"  
We started our production on these items last year when we couldn't buy them and will continue

634	\$4.00
1" Quality "D" Ring by Outdoor Adventure	

636	\$10.50
Large 4" "D" Ring Patch by Campways	

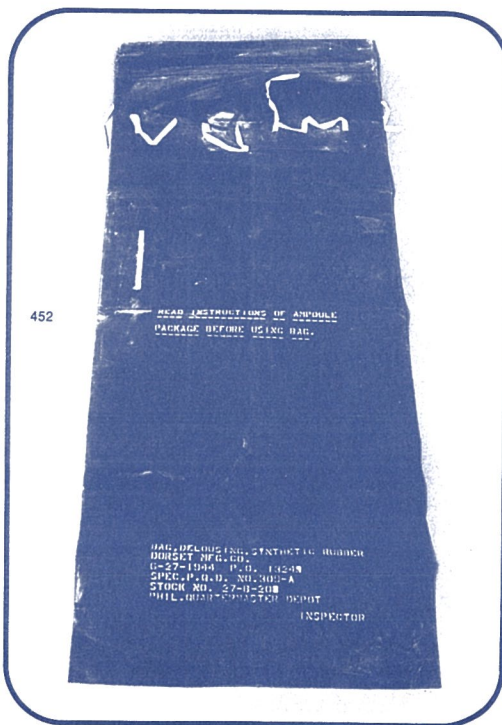
This is good stuff and has many uses for patching and repairing. We carry a special ARNO tape which has a polyethylene film to make it water resistant, better than the cheap stuff at the discount stores.

650	\$ .20 Or 8/\$1.00
Sun Protective Cream	

## Books

This is the best book we have ever seen on rafting. It has more and better information than any other book including some very good tips on rowing a raft. For the novice, this book is indispensable. Bill McGinnis has good sections on equipment, reading and running whitewater, water emergencies, etc. The only "picky" criticism we have is that McGinnis doesn't think much of using small and light-duty boats for river running. Aside from this, we have to say this is the best book ever on the subject. We much prefer (and only carry) books by accomplished river runners. If you can afford it, this should be your first choice.

Verne has many years of experience in running and guiding river trips. He is also a contributing editor to *Downriver*. He has done some excellent writing, and his book has good information although he is somewhat oriented towards going on a commercial raft trip rather than taking your own trip. This widens the audience, but at the expense of some information for people who take their own boats. Like *Whitewater Rafting* above, this book slights the use of small and inexpensive rafts. However, in the paperback edition at \$4.95, this is an excellent buy.



This was the first of the good books on river running. It has information on rafting, kayaking and particularly Northwest rivers. Lots of information for anyone interested in whitewater touring. Not only does it contain a wealth of information on all phases of river running, but also very detailed



guides and maps for nine wilderness river tours of the Northwest. Besides, it makes good reading even if you never get to run a river in the Northwest. We also like the emphasis on cheap rafts!

716 \$5.95  
*West Coast River Touring Guide, Rogue River Canyon and South*, by Dick Schwind

This is another amazing book. Written over several years, by Dick Schwind, it has very fine descriptions and the reviews say it is an outstanding book for accuracy, and we can attest that it makes very interesting reading. The only river described in it that we have run is the Rogue and it is very interesting to read their description and compare it with the Arighi book above, along with our recollections over several years and water levels.

718 \$4.95  
*Kayaking* by Jay Evans and Robert R. Anderson

Sub titled *The New Whitewater Sport for Everybody*, this is the first book to approach the quality and information necessary to help someone get started in kayaking and continue to reasonable levels of proficiency. The book is really excellent, and though we were afraid Jay Evans (former Olympic coach) would write mostly on racing, this isn't the case at all, and the book is really a well done and balanced book.

720 \$2.00  
*White Water Handbook for Canoe and Kayak*, by John T. Urban

A fine book for rafters as well as kayakers. Lots of valuable information for all skill levels, but mostly for beginners.

726 \$4.50  
*Boatbuilder's Manual*, Edition II, by Charles Walbridge

This is just a fascinating book. If you have ever wanted to build a kayak, or just want to know how to go about it, this is the only book we have found that really does the job. Interesting too. Our only disagreement would be with the emphasis on the new flexible boats that won't break. We believe there are times when a boat can be trapped under high pressure against a rock and you want it to break apart like an egg, and release the "chick" -

YOU! Aside from that, everything makes good sense. We know people who built excellent boats from the earlier edition of this book.

730 \$5.95  
*Grand Canyon River Guide*, by Buzz Belknap

Even if you never get to run the trip, you will enjoy this guide book. It is an experience just to go through the guide and look at the pictures. Waterproof edition.

732 \$3.95  
*Snake River Guide*, by Buzz Belknap and Verne Huser

Standard addition. An even better book in some ways for browsing than the *Grand Canyon Guide* . . . Not as interesting a river though.

740 \$4.00  
*Oregon River Tours*, by John Garren

A book we discovered last year. It looks good with nice pictures and maps of 13 Oregon rivers. Well done though the Arighi book above has better descriptions and directions of the rivers they both cover.

### Last minute additions

416 \$45.00  
Economy Long John Wet Suit with long sleeves  
1 zipper, no special features, nylon lined and same quality construction as the other wetsuits.  
Men's sizes S,M,L,XL,

459 \$10.00  
Small Phoenix Dry Bag 13½" x 18"

This is made out of 20 mil vinyl with a fold over lip that fastens to a water tight clasp. Has two heavy duty gromets for tying into canoe, raft, or kayak. Prefer these to white water sports bags. Peter Sonderegger of Canoe magazine used these in the Northwest Territories last summer and says they are really nice.

460 \$12.50  
Large Phoenix Dry Bag

Same design as the one above except for larger size.







***Northwest River Supplies***  
***540 N. Grant St.***  
***Moscow, Ida. 83843***

**Address Correction Requested**  
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**Rush: Dated Material**