



Six Moons
Lunar Solo



Black Diamond
BetaLight



Bear Paw
Lair



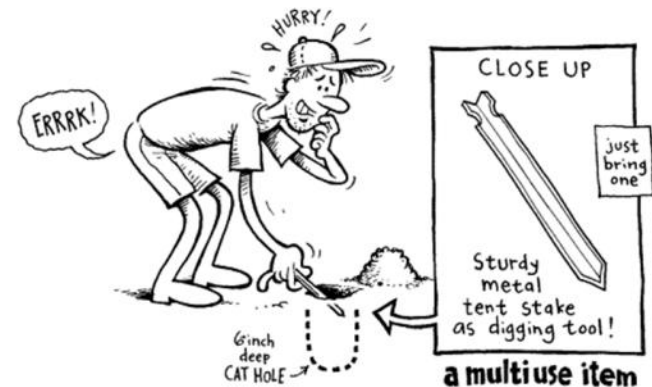
Black Diamond
MegaLight

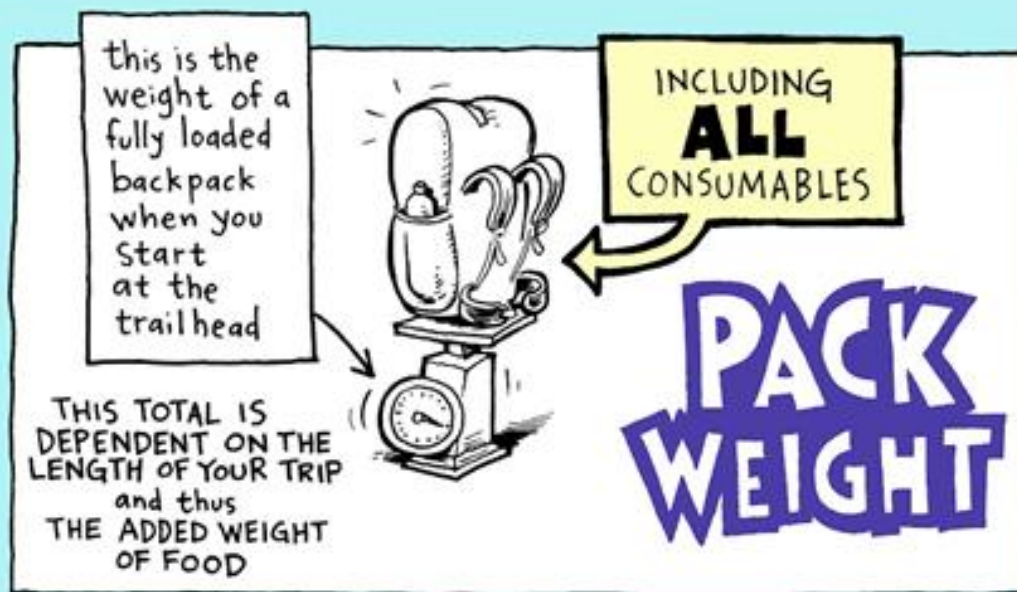
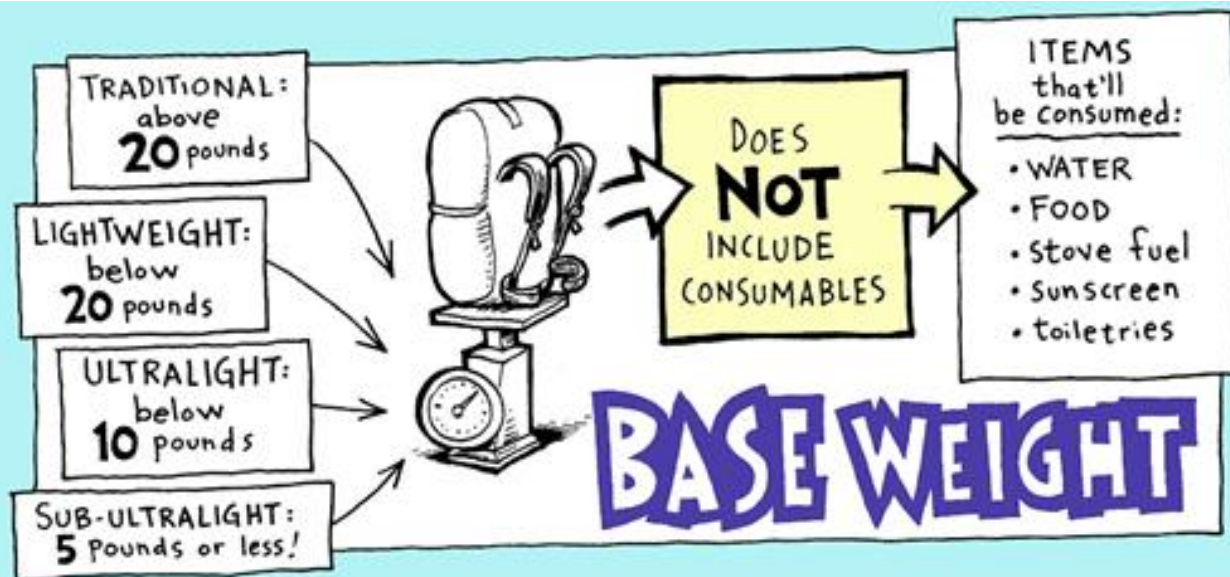
Shelters for the Lightweight Backpackers

Presented By
Dennis Horwitz
Micronor Inc.
dennis@micronor.com

Principles of Lightweight Backpacking

1. Take enough gear to be safe, comfortable and confident.
2. Know the actual weight of each item.
3. Whenever possible, use multipurpose items.
4. Look at the heaviest items first.
5. When selecting items, use the smallest items that will suit your needs.
6. Choose lightweight gear that is useful, sturdy and dependable.





Packing Categories

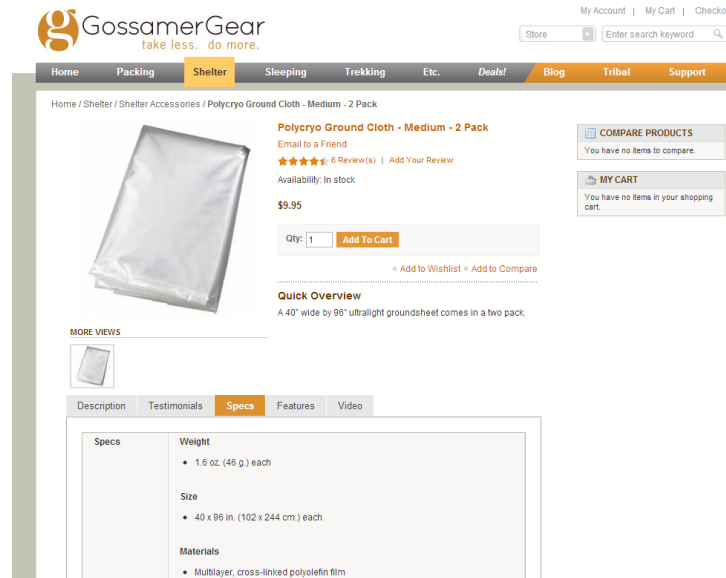
No.	Description	Notes
1	Risk Management	Know before you go: weather forecast , terrain, route and water sources.
2	Pack Weight	My objective is 10-12 lbs
3	Footwear	Trail shoes or low cut hiking boots
4	Backpacks	Gossamer Gear Mariposa
5	Navigation	Map, compass, GPS
7	Clothing System	Weather protection, thermoregulation and layers
8	Sleep System	Sleeping bag or quilt, pad, sleep wear
9	Shelter	Tarp tent
10	Hydration	Platypus , purification tablets
11	Food & Cooking Equipment	Plan for about 2 lbs of food per day, stove, fuel, pot/bowl/cup, spoon
12	Hygiene	Toothbrush, toothpaste (mini size)
13	First Aid	Advil, bandaids, moleskin, tweezer

What Size Shelter Do I Really Need?

- Questions To Ask:
 - Expected Weather conditions
 - Expected Terrain conditions
 - Bug conditions?
 - Width per person (Standard pad width is 20")
 - How many people to accommodate - 1, 2, 3 or 4?
 - Gear in or outside?
 - Bivy Bag or Tarp or Tent W/Floor ?
- Shelter Classifications
 - Solo
 - Two
 - Expedition (3-4 people)

Shelter Materials

- Urethane-coated Rip Stop Nylon
- Silicone coated Rip Stop Nylon (Sil Nylon)
- Cuben Fiber
- Spinnaker
-
- And don't forget about the ground cloth...



The screenshot shows the GossamerGear website interface. At the top, there is a navigation bar with links for Home, Packing, Shelter, Sleeping, Trekking, Etc., Deals, Blog, Tribal, and Support. The main content area displays the product page for "Polycryo Ground Cloth - Medium - 2 Pack". The product is shown as a white, rectangular package. The price is listed as \$9.95. There is an "Add To Cart" button and a quantity selector set to 1. The product has a 5-star rating based on 6 reviews. Below the product image, there are tabs for Description, Testimonials, Specs, Features, and Video. The "Specs" tab is active, showing the following details:

Specs	Weight
	• 1.6 oz. (46 g.) each
Size	• 40 x 96 in. (102 x 244 cm.) each
Materials	• Multilayer, cross-linked polyolefin film

Manufacturers of Lightweight Shelters

Commercial Manufacturers

- Black Diamond
- Outdoor Research (OR)

Lightweight Specialty Manufacturers

- Bear Paw Wilderness Designs
- Golite
- Gossamer Gear
- Hilleberg
- Oware
- Six Moons Design
- Tarptent
- ZPACKS

Solo Solutions

Six Moons Design Lunar Solo Tent

- Weight: 23 oz
- Price: \$200.00

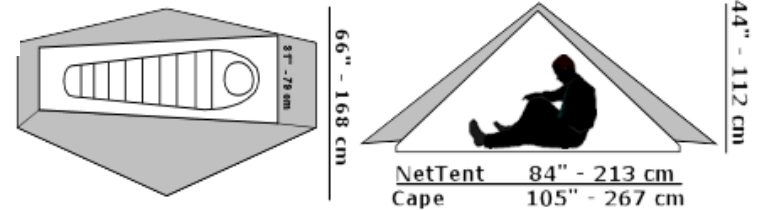


Six Moons Design Gateway Cape

- Combination Shelter and Rain Gear
- Weight: 11 oz
- Price: \$135.00



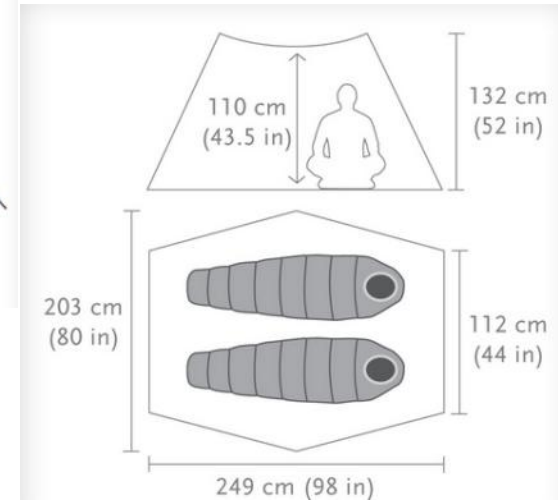
Gatewood Cape / Serenity NetTent



2-Man Solutions

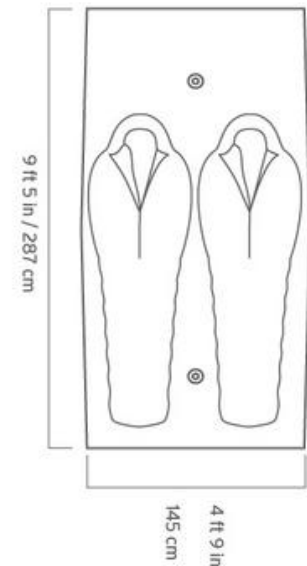
Black Diamond BetaLight

- Sets up with 2 trekking poles
- No rope lines to adjust
- Weight: 24 oz
- Price: \$200.00



Golite Shangri-La 2

- Sets up with 2 trekking poles
- Weight: 26 oz
- Price: \$149.00



2-4 Man Solutions

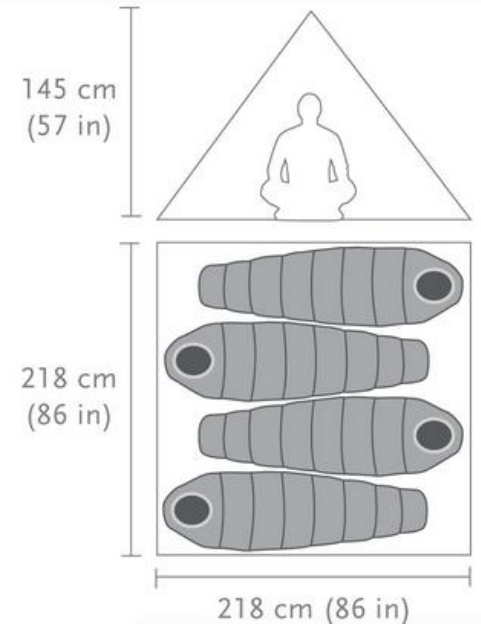
Black Diamond MegaLight

- 4-man, sets up with supplied composite pole
- No rope lines to adjust
- Weight: 45 oz
- Price: \$270.00



Golite Shangri-La series

- Shangri-La 3, 59 oz, \$250.00
- Shangri-La 5, 90 oz, \$300.00





BearPaw Wilderness Designs

Tarps, Nets, & Tents: 2 - 5 Weeks
All Other Products: 1 - 7 Days

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Lair

Available in Cuben Fiber and Silnylon

And with .8oz/sq yd no-see-um



Cuben Fiber Lair

Gray Lair .51 cuben \$195.00 USD ▾

[Add to Cart](#)

Silnylon Lair

Silnylon Lair \$129.00 USD ▾

Silnylon Color

Light Gray ▾



BearPaw Wilderness Designs

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Tarps
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AT
PyraTent
Bear Den
Cub Den
Diamond
Ute
Lair
Luna

Luna 2, 4, & 5

Available in Cuben Fiber and Silnylon

And with .8oz/sq yd no-see-um



Cuben Fiber Luna

Gray Luna 2 \$355.00 USD ▾

[Add to Cart](#)

Silnylon Luna

Silnylon Luna 2 \$185.00 USD ▾

Silnylon Color

Light Gray ▾



[Our Products](#) >> [Bivysacks](#)

Bivysacks

BivyLargeLongSidezip



Extra large and long bivysack with side zip for easy entry. Plenty of room for large winter bags and pads. Top Fabric-Quarktux 20 denier hot calandared water repellant nylon top. Hydrostatic head of 600+ mm. Noseeum netting strip over face....

Price: \$198.00

[Options](#)

Bivysack Drawcord Closure



A great bivy for use with an ultralight tarp. Keep the bugs out, wind off and resists snow and spray. Very water repellent and breathable. Choose MilSpec Riptop Fabric or Quarktux™ 20 denier hot calandared ripstop for the top body of the bivy .

Price: \$89.00

[Options](#)

Bivysack Hot Weather



Lots of ventilation, yet inexpensively keep the bugs out of your face and the toe of your sleeping bag out of the dirt. Full top of noseeum netting, bottom of UNCOATED 1.1 ounce ripstop nylon for maximum airflow. Drawcord entry at top Weighs just 5.5 oz. Free Shipping.

Price: \$69.00

[Add To Cart](#)

[Add To Cart](#)

Bivysack Standard Zip Long Length



Long length Bivysack with cross chest zipper, noseeum netting panel over face. 30d silicone coated nylon floor with bathtub style corners at head and foot. Tie out in center of #5 zipper to move netting away from face. Girth at shoulders 72",...

Price: \$129.00

[Options](#)

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Pyramid and Alphamid Tarps

Alphamid™ 1/2 Pyramid Tarp Various Fabrics



Pyramid floorless shelter 4.5X9'
by 5 feet tall. 30d silnylon

Price: \$189.00

Alphamini™ Smaller lighter size 1/2 Pyramid Tarp



Half Pyramid floorless shelter
4x8 by 5' feet tall. 30d silnylon
Current color is grey with navy
blue doors.

Price: \$169.00

[Add To Cart](#)

Pyramid Tarp 11x11



Large Pyramid Tarp Various
Fabrics Available- 30d Silnylon--
-2.5 pounds 70d urethane
coated nylon---4.9 pounds 70d
digital camo urethane coated
nylon---7.5 pound Sleep 5 or
more

Price: \$299.00

[Options](#)

Pyramid Tarp 10x10'



Pyramid floorless shelter 10x10
by 6 feet tall. 30d silicone
impregnated nylon or 70d
urethane coated nylon

Price: \$229.00

[Options](#)

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Tarps 






One of the steps frequently undertaken when transitioning to a lighter pack, is replacing that old six pound tent for a one pound tarp. For this old tarp lover, they are great. Tarps provide lots of protected space, are open airy and give you lots of views. On the downside they do take a bit of getting used to and require more knowledge of the proper place to set them up. Once you've taken this leap, they do provide a major weight savings.

As you browse through our selection of tarps, you'll notice they aren't like your typical flat tarp. Instead all of the tarps we design and manufacture are **Shaped Tarps**. Flat tarps can be setup in a host of configurations, but unless you're an expert in Origami, invariably one side will be exposed to the weather. **Shaped Tarps** are designed to ensure a full 360 degree enclosure. So when the wind and rain shifts at night you're still protected.

Shaped Tarps are also easier to setup and get a taut pitch. For more information on tarps check out our [Tarp Techniques](#) page.

Sort by: 

- | | | | |
|--|---|---|--|
| <p>Haven Tarp - Cuben
10 ounce 2 Person Tarp</p>  <p>\$460.00</p> | <p>Gatewood Cape
11 oz. Shelter/Rain Gear</p>  <p>\$135.00</p> | <p>Wild Oasis
13 ounce Shelter</p>  <p>\$175.00</p> | <p>Haven Tarp
18 ounce 2 Person Tarp</p>  <p>\$200.00</p> |
| <p>Footprint - Small
Tyvek Footprint</p> | <p>Footprint - Large
Tyvek Footprint</p> | <p>Aluminum Pole
45" Aluminum Pole</p> | <p>Carbon Fiber 45" Pole
Easton Carbon Fiber Pole</p> |


Tents 











Ultralight backpacking tents have significantly evolved over the last decade. These new one and a half to two pound (one to two people) tents are a far cry from the five pound tents backpackers have traditionally carried. Their roots stem from transforming your traditional tarp by adding shape, bug protection and a floor. Like a tarp, they are designed to be both light and airy.

Newer fabrics have become available that help to save a considerable amount of weight. These tents forgo the double wall construction of traditional backpacking tents. A significant amount of weight reduction comes from eliminating your normal tent structure. By utilizing your existing hiking poles, you can forgo the weight of the tent poles, plus you're hiking poles become dual duty. By their nature, hiking poles are significantly stronger than your tent pole. This allows you to have an extremely sturdy shelter.

While these tents can significantly reduce your pack weight, they do require a bit more knowledge to get the most performance. We recommend you read both our [Shelters FAQ](#) and [Shelter Tips](#).

Sort by: 

- | | | | |
|---|---|--|---|
| <p>Carbon Fiber 49" Pole
Easton 49" Carbon Fiber Pole</p>  <p>\$30.00</p> | <p>Skyscape - Scout
34 ounce Solo Tent</p>  <p>\$125.00</p> | <p>Skyscape - Trekker
24 ounce Solo Tent</p>  <p>\$225.00</p> | <p>Skyscape - X
15 ounce Solo Tent</p>  <p>\$550.00</p> |
| <p>Lunar Solo 2012
23 ounce Solo Tent</p>  <p>\$200.00</p> | <p>Lunar Duo - Explorer
41 Ounce 2 Person Tent</p>  <p>\$310.00</p> | <p>Lunar Duo - Outfitter
57 Ounce 2 Person Tent</p>  <p>\$160.00</p> | <p>Footprint - Small
Tyvek Footprint</p>  <p>\$8.50</p> |

34 oz
\$269.00

Moment DW





-April 2013-
Due to overwhelming demand all Backpacks, Sleeping Bags, and Tents/Tarps are currently shipping out in around **5 to 6 weeks**. Jackets and Ponchos are shipping in about **2 weeks**. If you need a quicker delivery please ask when you place your order and we will prioritize it. All of our gear is made locally right here in our workshop.

We are currently traveling for the **Pacific Crest Trail Kick Off**. Joe and Matt will be available at the ADZPCTKO on Friday April 26th and Saturday the 27th. Small orders will not be shipped until we are back after May 1st.
Thank you! -The ZPacks crew

ZPacks™ Hexamid Solo-Plus Tent or Tarp

Description:

The Hexamid Solo-Plus is an in-between size tent that has the same size footprint as the Hexamid Twin, but it only requires one long trekking pole to set up. It is a good compromise for solo hikers requiring more space, or for those who sometimes camp with a partner.

It is made from the lightest materials available; .51 oz/sqyd cuben fiber, and optionally .7 oz/sqyd ultralight insect netting.

- Sets up with just one trekking pole or walking stick adjusted to around 52 inches (132 cm), and a minimum of six stakes. Ten stakes are recommended on this tent for additional head room and wind resistance.

A [Tent pole](#) is available if you don't use trekking poles.

Set up instructions are available for the [tent](#) or [tarp](#).

Watch the [Hexamid Solo-Plus Setup Video](#). **New!**

- Fixed length guy lines using no-stretch spectra cord make setup easy. No line adjusters or knot tying necessary.

- Lots of space for one person plus gear, or space for a partner. The tent is long enough for most people to fully stretch out their arms and

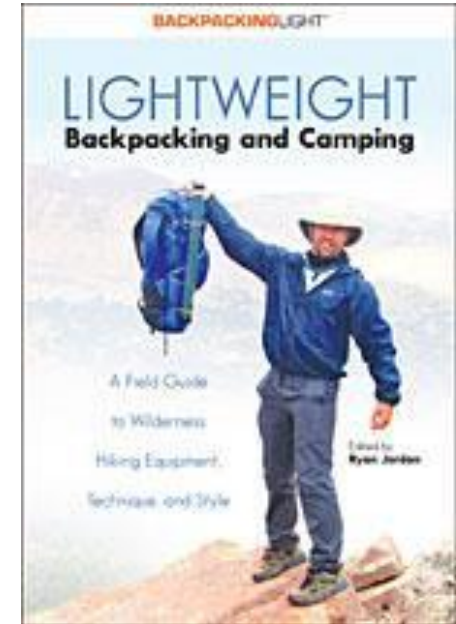
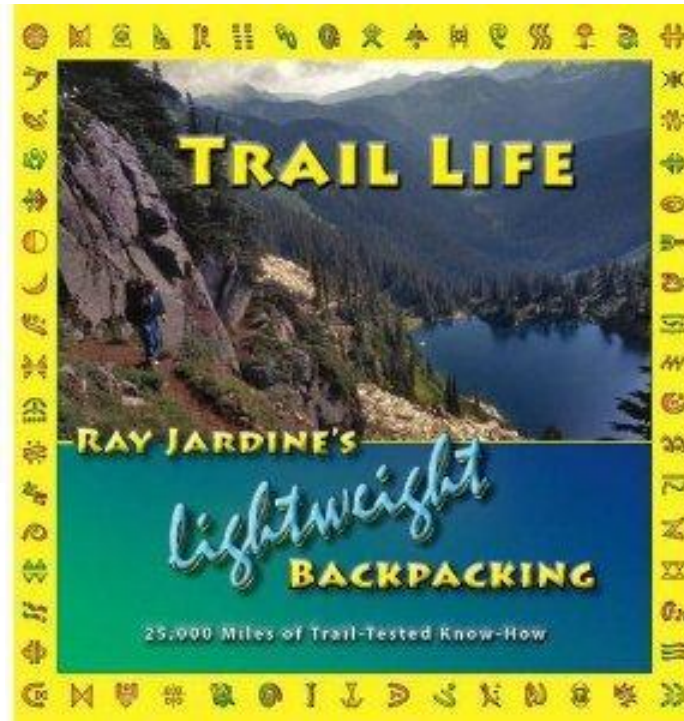
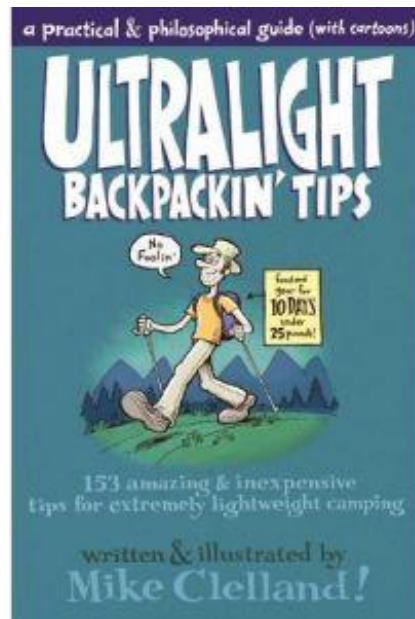
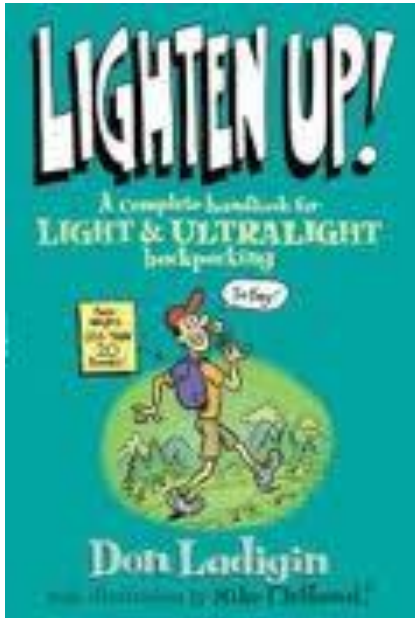


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11 oz with Screen
\$330.00

LWBP Resources



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TECHNIQUES

