

Legs/frame: Angle Aluminum (angle legs outwards to create a more stable base and wide feet to prevent legs from sinking into sand)

How long do legs have to be for table to be at a comfortable height?

How long does the top of the table have to be to fit over front compartment on boat?

How to prevent middle leg from falling out?

Should legs be "permanently" attached to table like a fold up table or be able to be taken fully off such as in the blue rafting table?

How to make the table more stable with weight?

Stop sand from jamming up legs?

Want handles to help carrying and strapping down the top of the table or would that getting the way?

bag for legs if they are removable so they don't get lost and are easy to pack/unpack?

Small parts that cause the legs to move make sure they can't come out and get lost or are easily replaceable?

dish drying rack hanging on it?

Lightweight?

Weights:

60" x 27 3/4" table = 27.6lbs

19" x 18 3/4" table = 5.84lbs

48" x 24" table = 21.8lbs

Material Weight:

Wood:

Oak:

Corrosion resistant aluminum: 2.7 g/cm<sup>3</sup>

high impact polyethylene:

heat displacing aluminum:

high impact polypropylene:

<http://www.mcmaster.com/#standard-aluminum-u-channels/=qcr3fu>

<http://www.mcmaster.com/#aluminum-squares/=qcr586>

<http://www.vandykes.com/folding-table-leg-supports/p/205789/>

### **Lock pin specifications**

Length of bolt from bottom of head to end: 2.74in (7.6cm)

length of bolt from bottom of head to latch: 2.23in

Bolt head diameter: 0.61in

bolt head thickness: 0.25in

bolt diameter: 0.305