

Shock Block™ Instructions for Filling and Using

Shock Block™ is a phase change ice pack designed to outperform block ice once frozen. Shock Block™ will start at approximately 0°F and rise to its phase change temperature and then stay locked at this temperature for days. Shock Block™ does this at approximately 10°F colder than ice. Shock Block™ comes with a thermometer built in so that there is no guessing. It can take days after the block is solid for it to get down to its coldest temperature. The thermometer eliminates guessing when freezing and when in use.

Shock Block™ comes with the dry Cooler Shock® formula inside. You fill Shock Block™ with water once and then screw the thermometer cap on.

Filling options:

Fill Shock Block™ with either 6 or 7 quarts of water depending on space and usage.

– 7 quarts will make a 16lb ice pack with a phase change temperature range of 22 -24°F with a height of 8.5 inches to the top of the handle.

– 6 quarts will make a 13.5lb ice pack with a phase change temperature range of 20-22°F with a height of about 7 inches to the top of the handle. This is a good option for tighter spaces and shorter trips. It saves space and provides slightly more intense cooling. This will last about 15% less time than the 7-quart version.

Important notes:

Filling Shock Block™ - Add water and then guide any remaining air out of the opening as you depress the Shock Block™ top. Place cap on the Shock Block™ once you have most of the air out.

Capping Shock Block™ - Please notice that the screw cap can easily go on crooked. Please visually observe the cap going on for any cross-threading (going on crooked). Simply remove cap and start screwing it on again checking that it is going on straight.

Prepping Shock Block™ for Use – After water is added, agitate the ingredients for about a minute and then allow Shock Block™ to sit for 30 minutes. Shock Block™ is heavy once filled. Be gentle when shaking ingredients, supporting the bottom while holding the handle. The Block is now ready for freezing. It may take up to 48 hours to bring Shock Block™ down to 0-3°F. This is the correct temperature for most freezers.

Avoiding Leakage – The screw cap has the thermometer pre-installed and ready to be screwed on to the Shock Block™. If for any reason the thermometer comes loose and needs to be put back in place, the gray silicone gasket must be very carefully pushed back into the cap. The gasket can appear to be in place when it is actually folding back on itself. Use a butter knife or similar tool to gently work it back into the cap (with thermometer in place). Work it down and around inside the cap for gentle progression. This will ensure a good seal.

Observing Temperature During Freezing - Check Shock Block™ as it freezes to get it fully activated before use. The thermometer probe will tell you the core temperature of Shock Block™. When it gets down below 5°F, it should be ready to use. Our recommendation is near 0°F.

Observing Temperature During Use - The thermometer shows a range of blue, green, and red. When you start to hit the green range, you are at Shock Block's™ half life. Although we provide this thermometer, always monitor the temperature of your cooler, as there are many other variables to consider. You will develop a knack for how best to use Shock Block™ in your application.

Shock Block™ is intended to replace and outperform block ice. Use Shock Block™ with other Cooler Shock® products for best results. Shock Block™ acts as a long-term foundational cooler. Cooler Shock® standard ice packs will work for short-term rapid cooling, while Shock Block™ will give you long-term cooling that you need over multi-day trips. You can expect Shock Block™ to last a minimum of 2 days and up to 5 days depending on use.

Please contact us with any questions and we will respond within 1 hour during business hours.

Learn more at www.CoolerShock.com