



For Your Information

WHY WOULD I USE THE LIQUID PRO™ MARKING SYSTEM INSTEAD OF STANDARD AEROSOL MARKING PAINT?

Liquid Pro is a patented, non-pressurized, propellant-free method of dispensing marking paint. That means it is safer to ship, store, and dispose than a standard aerosol container. UN1263 Paint, Class 3, PGII, Limited Quantity. US8544686BS & US9114415B2 and other patents pending.

HOW DOES THE APPLICATOR WORK?

The Liquid Pro Applicator utilizes a peristaltic pump to create a vacuum and draw the paint from the Cartridge in an even, steady manner. Instead of creating pressure to dispense paint, this is much safer because there is less risk of explosion due to overpressure. And, the paint inside won't get trapped behind a crushed bag.

HOW DO I CHARGE THE BATTERY?

The Applicator comes with a 12V DC vehicle charger (reorder #1506). A 120V AC wall charger, #1507, is sold separately. The Applicator's Battery Pack can be charged while connected to, or removed from, the Applicator. Additional Battery Packs (#1504) may be purchased and kept charged for continuous use.

HOW LONG DOES IT TAKE TO CHARGE THE BATTERY?

It will take 4 ½ hours to recharge a low battery using the 12V DC charger. Less for the 120V AC charger. Keeping additional Battery Packs charged will eliminate downtime.

HOW LONG DOES THE BATTERY LAST?

Approximately 800 cycles, providing charging occurs after the battery has been fully discharged.

WHAT TYPE OF BATTERY IS IN THE BATTERY PACK?

Lithium ion.

HOW LONG DOES IT TAKE TO BUILD UP TO FULL PRESSURE?

That's the most important part! The Cartridge is not pressurized. However, there may be a little pressure built into the inner paint line once a Cartridge is activated.

HOW MANY CARTRIDGES CAN I USE WITH ONE CHARGE?

Typically, you will be able to empty 40-50 cartridges on a full battery charge.

WHAT IF I DON'T TURN OFF THE APPLICATOR?

The Applicator will shut off automatically after 5 minutes of inactivity.

HOW DURABLE IS THE APPLICATOR?

It is designed to handle the heavy day-to-day use of Surveyors and Locators.

HOW DOES THE APPLICATOR PERFORM IN HOT AND COLD WEATHER?

The operating range for the battery is between 14°F – 140°F.

HOW MANY FEET WILL ONE CARTRIDGE OF PAINT COVER?

550 to 626 linear feet.



HOW DO I MIX THE PAINT IN THE CARTRIDGE?

Shake well in a side-to-side motion to fully mix the paint. This is liquid paint and does not contain a marble as aerosols do. However, vigorous shaking is not needed. Do not shake once installed in the Applicator.

HOW WIDE IS THE MARK/LINE?

When using the wheel attachment, the mark is typically 1 ½ inches.

WHAT FORMULA TYPE IS THE PAINT?

Solvent-based utilizing a durable alkyd resin.

HOW LONG DOES IT TAKE TO CHANGE COLORS?

Just 5 seconds!

WILL THE APPLICATOR DISPENSE ALL THE PAINT?

Yes.

HOW DO I DISPOSE OF THE CARTRIDGE?

Once the Cartridge is empty, as verified through the clear window in the cartridge, it may be disposed in any normal refuse container. Partially empty Cartridges must be disposed at a hazardous waste collection facility.

HOW WELL DOES THE PAINT PERFORM IN RAIN OR SNOW?

Do not apply while raining or snowing. The paint will not adhere to any surface with flowing or standing water. Marks will be visible on snow until it melts or is covered by more snow.

WHAT TEMPERATURES ARE BEST FOR USE?

If the temperature of Cartridge falls below 40°F (4°C), the pump mechanism could stall and cause the battery to shut off. Once the Cartridge temperature rises above 40°F it will perform normally.

THE PRODUCT DATA SHEET REFERENCES TWO DIFFERENT TEMPERATURE RANGES. WHAT DOES THAT MEAN?

The Best Results temperature is the ideal ambient air and substrate temperature for optimum spray and dry times.

Operating Temperature Range is the lower and upper temperatures that you will be able to work in without the cartridge or coating being overly affected. Beyond these temperatures, additional handling may be required to maintain your workflow.

HOW CAN I WORK IN COLD WEATHER?

We know you may have to work in weather below 40°F. To do this effectively, keep the cartridges in a warm location; usually in the cab of your vehicle (leave them in the box and secured while traveling). Cartridges kept above 40° will continue to work for a while when the air temperature has dropped below 40°. Cartridges kept at higher temperatures will last longer in these conditions. Change out the cold cartridge for a warm cartridge when you start to see a change in the spray pattern. Once the cold cartridge warms up you can use it again.

CAN I APPLY LIQUID PRO OVER ICE OR SNOW?

We do not recommend this unless the marks are deliberately made for temporary use. Depending on the thickness of the ice or snow during application, when it begins to melt, the marks can become distorted or even disappear.

HOW WELL DOES THE PAINT PERFORM ON HOT SURFACES?

It performs very well.

CAN I GET REPLACEMENT TIPS FOR THE PAINT CARTRIDGES?

Each case comes with 12 replacement tips. If you experience inconsistent marks or if the tip clogs, replace the tip with one of the spares that we provide.