

LIBERTY SUPPRESSORS

113 GUNSMOKE TRAIL

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Liberty Suppressors Mirage Shield

The Liberty Suppressors mirage shields are designed to be used with long range rifles to reduce heat mirage induced by suppressor heating from use. Suppressors in general will get hot when suppressing a gunshot and even more so on a rifle than a rimfire unit. As few as 10 rounds fired will generate a mirage so bad as to obscure your sight of the target through a scope. The mirage shield will extend that time frame out to allow continued use of the weapon platform by shielding the mirage from the scope objective lens. Barrel heating will still occur as well and will cause mirage as well, we do not offer a shield to cover the barrel at this time. The best option for barrel heating is to allow the rifle to cool naturally if possible.

To get the most effective operation out of the shield, simply wrap the cover over the suppressor, pressing the Velcro securely together and slip it back about ¼” past the rear of the suppressor. Wrap the cover as tightly as possible and with the part hanging over the rear of the suppressor, pull it tighter than the tube slightly. This will prevent the cover from slipping forward on the tube during use. Recoil will slide the rifle rearward and appear to “push” the cover off the front of the suppressor over time if this technique is not employed. The small amount of suppressor that is not covered at the front will not cause a problem at all as this part produces very little heat. Most of the heat will be around the blast baffle which is usually about 2” forward of the rear of the suppressor.

Please note that this unit will not withstand fully automatic firing schedules, the heat produced from these rates of fire will destroy even the most durable mirage cover. Restraint will also need to be used when using it on a semi-auto rifle as the suppressor takes longer to cool between shots with the cover on it. Most varmint hunters will slide the cover back over the barrel to allow the suppressor to cool between strings of fire on the “dog towns”. This will allow the suppressor to cool faster as well as reduce the heating on the mirage shield. Remember though, that anytime you are interacting with the mirage shield on a hot suppressor that you can run the risk of getting a burn. BE CAREFUL!!!

Thank you for choosing Liberty!

The Liberty Team