



PATROL SHIELD OWNER'S GUIDE



STRONGEST,
LIGHTEST,
MOST RESILIENT

A man in tactical gear, including a helmet with a night vision device and orange-tinted goggles, is shown from the chest up. He is holding a large, grey, rectangular shield in front of him. The background is a blurred outdoor setting with warm lighting. On his vest, there are two patches: one with the letters 'NVD' and another with a skull and the letters 'R' and 'A'.

GC

PATROL SHIELD

TABLE OF CONTENT

1. Introduction
2. Important Safety Information
3. Care & Maintenance of GC Patrol Shield
4. Return and Claim Policies
5. Returning GC Patrol Shield



PATROL SHIELD

1. INTRODUCTION

You have purchased a ballistic shield manufactured by Graphene Composites USA Inc. (GC USA).

The GC Patrol Shield (Model 3.1) is designed and tested to stop the following bullets (pursuant to the National Institute of Justice (NIJ) Standard and the United Kingdom Home Office CAST Publication number, each as marked on the GC Patrol Shield label):

- 9mm Full Metal Jacket
- .357 Magnum
- .44 Magnum
- 12-gauge 1-ounce rifled slug
- 5.56 x 45mm M193 (AR-15)
- 7.62 x 51mm M80 (NATO)
- 7.62 X 39mm FMJ (AK-47)

The GC Patrol Shield (Model 3.1) is also tested to provide knife stab protection in accordance with HOSDB Publication No 39/07/C, Level KR2.

Please take time to read this Owner's Guide and the GC Patrol Shield Limited Warranty for important safety information and to assist you in the proper care and maintenance of the GC Patrol Shield.

2. IMPORTANT SAFETY INFORMATION

DO NOT use the GC Patrol Shield without proper instruction and training in accordance with the GC Training Guide and in compliance with policies, procedures, practices, or training requirements established by their agency.

Before using the GC Patrol Shield, the operator is required to receive formal instruction and operational training from an experienced and knowledgeable instructor.

Failure to comply with the aforementioned could result in serious injury or death to the operator or others.

Please refer to the GC Patrol Shield Warranty and GC Training Guide for further information.



PATROL SHIELD

3. CARE & MAINTENANCE OF GC PATROL SHIELD

It is important that the GC Patrol Shield is properly maintained. Failure to properly maintain the shield in accordance with this Owner's Guide and the GC Patrol Shield Warranty could result in decreased ballistic protection and will void the warranty.

Alterations or modifications made in any way to GC Patrol Shield, other than GC USA authorized factory alterations, shall void the GC Patrol Shield Warranty.

The GC Patrol Shield Warranty shall not extend to any further or continued use of a GC Patrol Shield following damage as a result of contact with or penetration by ballistic projectiles, edged weapons, or spike weapons unless inspected by an authorized GC USA representative and approved in writing for further use.

Damage as a result of abuse, misuse, improper storage or maintenance, or exposure to chemicals and/or solvents, other than those expressly approved in writing by GC USA, shall void the GC Patrol Shield Warranty.

- **DO NOT** use the shield for anything other than ballistic protection as rated and labeled.
- **DO NOT** abuse the shield or allow it to be damaged through misuse or unauthorized use.
- **DO NOT** remove the inside protective ballistic shield from the outer shield carrier.
- **DO NOT** stand on or place/store heavy objects on the shield.
- **DO NOT** drill, cut, rivet, or penetrate the ballistic panel.
- **DO NOT** discharge simunition rounds, paintballs, or any other projectiles at the GC Patrol Shield during training. Use only the GC Training Patrol Shield when conducting training maneuvers.

If you have any questions about any of the safety information or instructions contained in this Owner's Guide, please contact support@graphenecomposites.com.



PATROL SHIELD

The GC Patrol Shield is comprised of two components: (1) the outer shield carrier and (2) the protective ballistic shield within the Carrier. The protective ballistic shield should **never** be removed from the outer shield carrier. Removal of the ballistic shield from the carrier shall void the GC Patrol Shield Warranty.

- **DO NOT** store the GC Patrol Shield in extreme hot or cold temperatures, or wet, damp areas.
- **DO NOT** attempt to make repairs, alterations, or modifications in any way to the GC Patrol Shield. Only GC USA representatives are authorized to make repairs, alterations, or modifications.

CLEANING THE OUTER SHIELD CARRIER:

Gently wipe the outer shield carrier surface and handles with a damp sponge or wash cloth and mild laundry detergent.

Allow to air dry or wipe dry with a soft cloth.

DO NOT use harsh solvents, abrasives, or highly alkaline cleaners.





PATROL SHIELD

4. RETURN AND CLAIM POLICIES

Upon immediate delivery, please check all packages for shipping damages and accurate merchandise.

All claims and damage in shipping must be addressed within 48 hours of receiving the package.

All other claims must be made to GC USA within five (5) business days. To make a warranty claim for a GC Patrol Shield within the applicable warranty period, please contact GC USA at support@graphenecomposites.com and include your name, company, address, GC Patrol Shield serial number and the reason for requesting warranty service.

Do not ship the GC Patrol Shield to GC USA unless you have been issued a Return Materials Authorization (“RMA”) number. The RMA number should be clearly marked on the outside of the return package.

Failure to include information may prolong response time. The purchaser agrees that its sole and exclusive remedy against GC USA will be limited to the repair or replacement of defective components, provided that the purchaser complies with all instructions and directions regarding the GC Patrol Shield.

5. RETURNING GC PATROL SHIELD

Please send the shield according to clause 5 of the GC Patrol Shield Warranty.

GC USA is committed to providing the highest level of service. We welcome your questions, comments, suggestions, or concerns at support@graphenecomposites.com



GRAPHENE COMPOSITES

INNOVATION IN ADVANCED MATERIALS ENGINEERING

GC is an innovative advanced materials engineering company, driven by an ethos to create life-changing products.

As a world leader in advanced material research, development and design, we apply our advanced material expertise to a wide range of applications, developing breakthrough solutions to enhance product performance.

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LET`S PROTECT YOUR TEAM TOGETHER