



25 June 2026

ASX Announcement

XTclave™ Now Running at Commercial Loads

Three More Plates Independently Tested to the US National Standard NIJ 0101.07

Key Highlights:

- **XTclave™ is now running at commercial loads, producing next-generation lightweight armour products**
- Successful independent third-party testing was achieved for three additional XTclave™ plates across multiple threat levels
- HighCom's **first NIJ 0101.07 (the new US baseline standard) certified lightweight rifle plate** has been officially added to the NIJ Certified Products List (CPL)
- **Six additional plates currently under NIJ review**, progressing toward CPL inclusion
- Validation of the **Brazilian SENASP standard** for the BRS21M plate supporting a major international program

Overview

HighCom Limited (ASX: HCL) (HighCom or the Company) is pleased to announce a series of significant advancements across its next-generation ballistic armour portfolio, including certification progress to the new NIJ 0101.07 standard, successful independent testing of additional plate models, and international program validation.

The Company's first NIJ 0101.07 (the new baseline standard for the United States) compliant plate has now been formally added to the NIJ Certified Products List (**CPL**), marking a key milestone in the commercialisation of HighCom's latest lightweight rifle protection solutions. The CPL establishes which armour products meet the US Government's rigorous Federal performance requirements, ensuring that high product quality and performance standards are maintained, and thus setting the standards for Federal and State buying Agencies.

Product and Certification Update

HighCom continues to expand its NIJ 0101.07 product offering with multiple plates progressing through testing and certification:

- The RF1 standalone lightweight plate delivers rifle-rated protection with minimal reduction in operator mobility
- **Six additional plate submissions** are currently under NIJ review for future CPL inclusion

In addition, HighCom has successfully completed **independent third-party laboratory testing** for three new plates:

- **4S20M (RF3)** – Lightweight enhanced rifle protection
- **3S22M (RF2)** – Lightweight protection against green-tip and similar threats
- **3112M ICW IRIS (RF1)** – designed to integrate with soft armour, and featuring improved ergonomic design

The IRIS platform incorporates **complex curvature geometry**, enabling improved protection and comfort for female users. These geometries are made possible using HighCom's proprietary XTclave™ process.



International Program Validation

HighCom has also successfully completed testing to the **Brazilian SENASP standard** for its BRS21M plate, supporting a large-scale program opportunity.

XTclave™ Manufacturing Advantage

All newly validated products are manufactured using HighCom's proprietary **XTclave™ technology**, an advanced composite and ceramic consolidation process that:

- Improves material consolidation and ballistic consistency
- Enables **lightweight, high-performance armour designs**
- Supports complex geometries such as the IRIS platform for female form, as well as applications on vehicles, vessels and aerial platforms
- Allows scale & efficiently to meet **increasing global product demand**

The continued expansion of XTclave™ production capacity positions HighCom to efficiently deliver growing volumes of next-generation armour solutions across military, law enforcement, and international markets.

Outlook

With certification progress underway and multiple products validated to the NIJ 0101.07 standard, HighCom is well-positioned to support customers transitioning to the new standard and to address demand for lightweight, high-performance ballistic protection.

The Company expects continued momentum throughout calendar 2026 as additional products progress through certification and enter commercial production.

This ASX announcement has been authorised for release by the Board of Directors.

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About HighCom Limited

Highcom Group (ASX:HCL) is comprised of HighCom Ltd (Australia), and its two distinct businesses – HighCom Armor & HighCom Technology.

HighCom Armor Solutions, Inc. is a U.S.-based manufacturer of advanced ballistic armour systems for military, law enforcement, and security professionals worldwide. The Company owns the proprietary XTclave™ light weight armour manufacturing process and is committed to innovation, rigorous testing, and U.S.-based manufacturing excellence for supply worldwide.



HighCom Technology is focused on the integration of uncrewed aerial systems (UAS), counter-UAS (C-UAS) solutions and associated command and control systems, working in close collaboration with its sister division, HighCom Armor Systems, supporting the Company's mission to 'protect first and front-line responders'.

Learn more about HighCom: www.highcom.group