

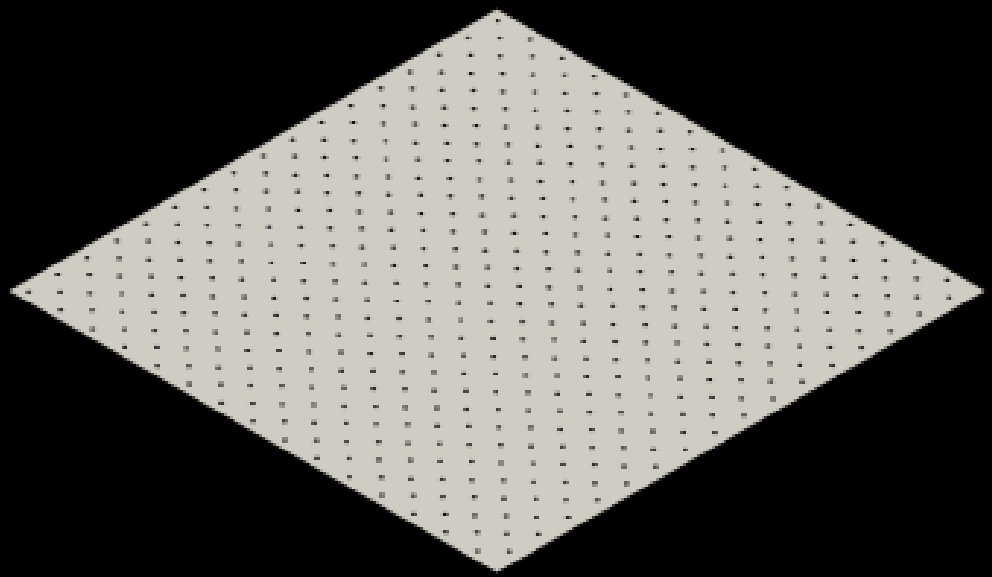


HOW OUR BALLISTIC HELMETS ARE MADE



01

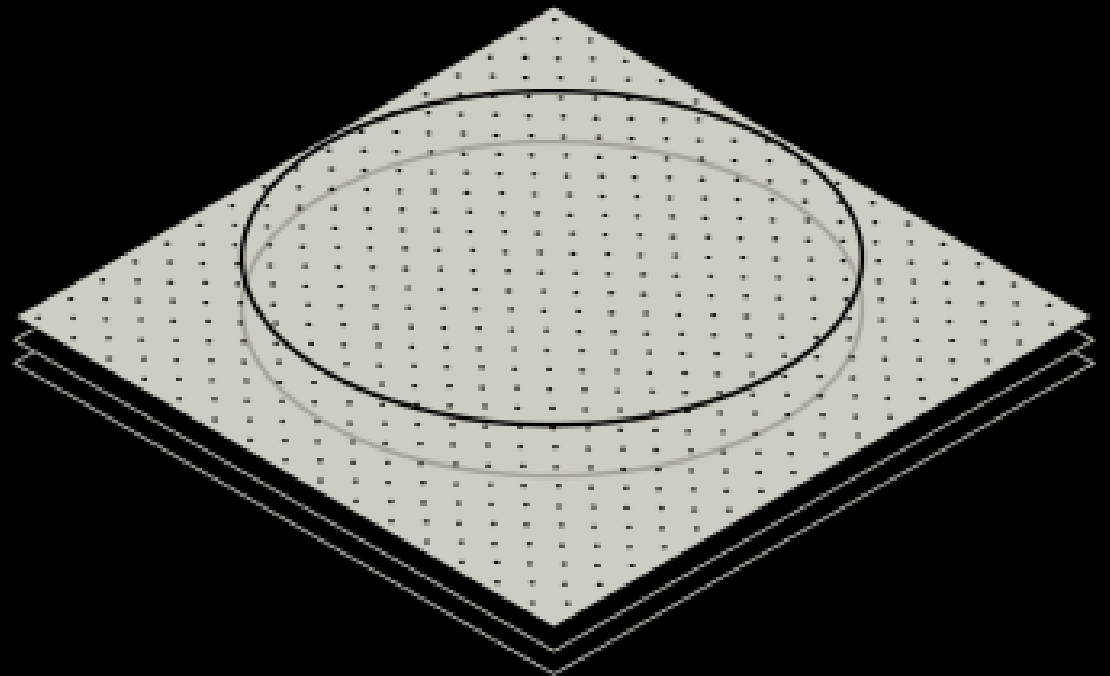
TURN UNPROCESSED KEVLAR FIBERS INTO BALLISTIC FABRIC



First step is to turn the unprocessed Kevlar fibers into a ballistic fabric sheet. That is accomplished by following a specific weaving technique or pattern where the Kevlar threads form a dense structure.

02

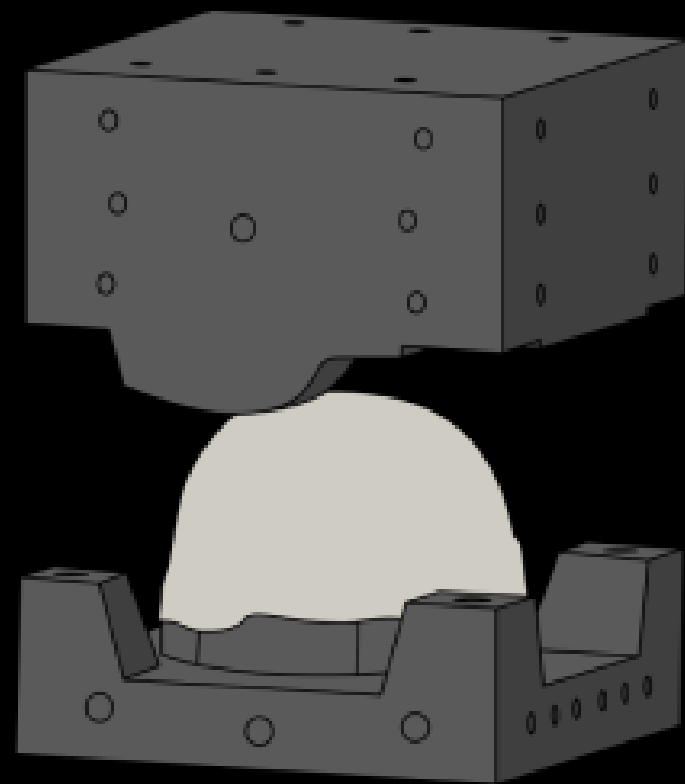
THE FABRIC IS CUT INTO THE SPECIFIC SHAPES



Next up, the fabric is cut into the specific shapes for the helmets and layered to form the structure of the helmet. The layers must lie in a specific order and rotation and the precise number of layers varies depending on the desired protection level for the different kinds of helmets.

03

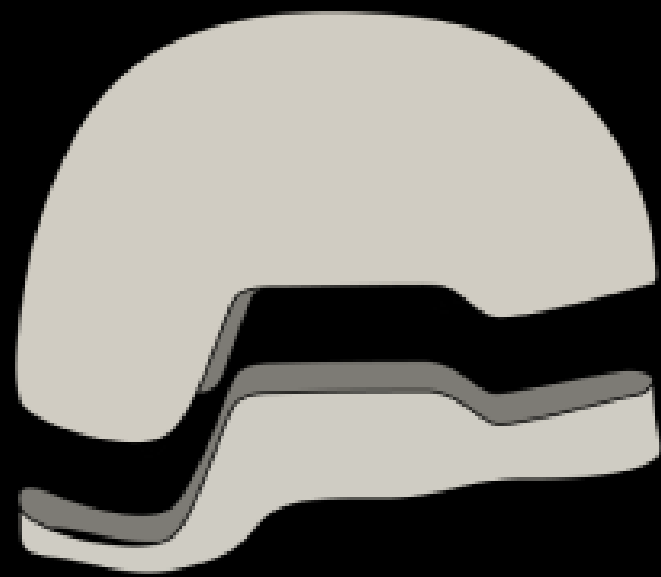
PRESSED IN A MOLD



The layered fabric sheets are now placed into a helmet mold. In the mold constant heat and pressure are applied for a fixed amount of time using a hydraulic press to shape the material into the helmet form, creating a solid and rigid structure.

04

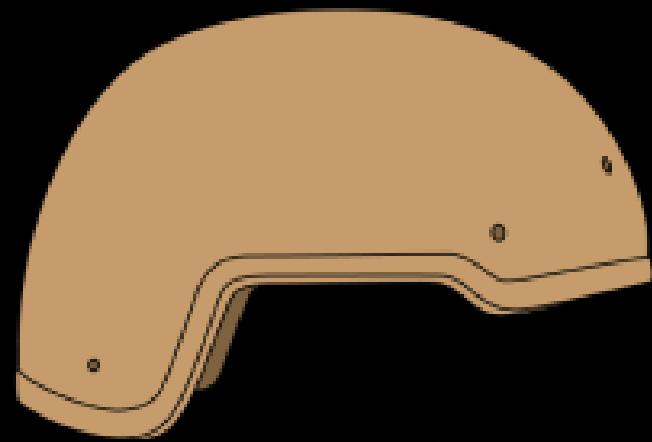
TRIMMING PROCESS



At last all excess material is carefully trimmed off. This ensures the helmet achieves the intended shape and dimensions. After trimming, the edges are smoothed to remove sharpness and prevent discomfort during wear.

05

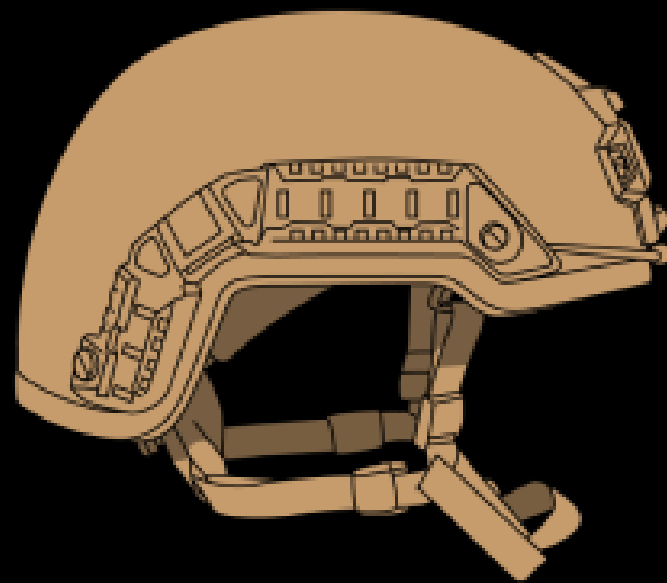
THE HELMETS ARE PAINTED



The helmets are sandblasted and smoothed to achieve the final shape. The helmets are placed in a painting line getting sprayed either black, OD green, multicam, multicam black or coyote brown which are the colours our helmets are available in.

06

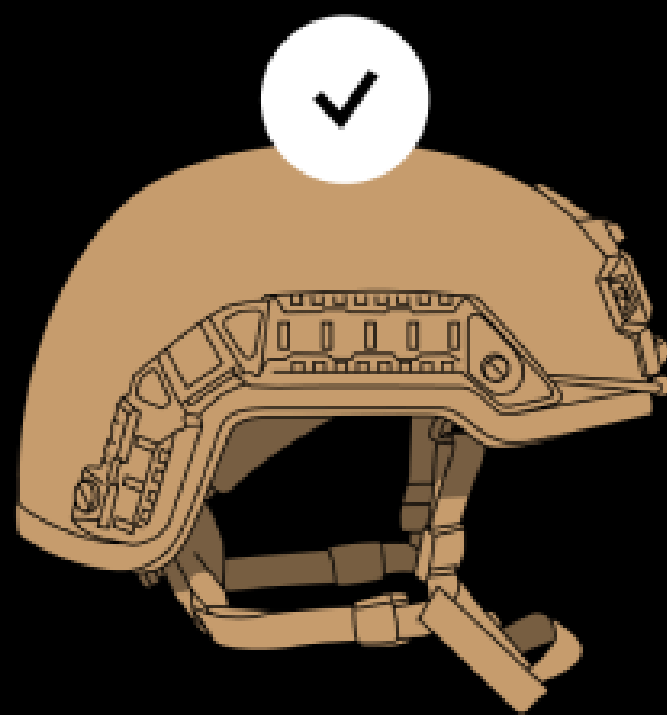
THE HELMETS ARE EQUIPPED WITH ADDITIONAL COMPONENTS



Components such as rails, memory foam padding, our PGD buckle system, shroud and other fittings are added before being packaged and prepared for distribution.

07

QUALITY CHECK



Even the smallest imperfections in materials or the manufacturing process can compromise the quality and thereby the integrity of the helmet. That is why it is utmost important that every stage of production has its own unique set of checks. And every single helmet is going through a final quality inspection by our team before leaving our facility in Denmark.



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