

ALLIGHT IV PLATE

The ALLIGHT IV plate model is the lightest ballistic plate certified under the NIJ STD 0101.06 certificate in the world and due to its ceramic composition (Silicon Carbide) it offers high hardness, sharing similarity with the molecular structure of diamond.

DESIGN

CONFIGURATION NEUTRAL

ARMOR MATERIAL SILICON CARBIDE / UHMW – PE

ARMOR PLATE COVERING 100% NYLON 1000D

TECHNICAL SPECIFICATION

AREAL DENSITY	7.29 lbs/ft (35.6 kg/m²)
SIZE	10"x12" (25.6 cm x 30.72 cm)
THICKNNESS	1.18" (30mm) +/- 0.19" (5mm)
WEIGHT SHOOTER CUT PLATE	6.17 lb (2.8 kg)
WEIGHT FULL CUT PLATE	6.39 lb (2.9 kg)

NIJ STD 0101.06 LEVEL IV

LEVEL IV (NEW) - .30 CALIBER 166 M2 AP	2880 ft/s (877.8 m/s)
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BALLISTIC LIMIT

V50 (ESTIMATED) - .30 CALIBER 166 M2 AP	3583 ft/s (1,092.1 m/s)
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