

Stop Wolfram plates

PROTECTIVE EQUIPMENT





NATO NCAGE R00E2

Scandic  Defence  **Scandic Defence ApS**

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Description

This ballistic stand-alone plate is certified against Ukraine Level 6+ against wolfram core projectiles especially used by .545 caliber.

Scandic Defence has 2 certifications, where price and weight are in focus. The cheapest version has a weight of 3,46 kilo of the size 25x30 cm (NATO standard size).

The other is more expensive and has a weight of 3,08 kilos in the size 25x30 cm.



The certified plates are constructed with squares of either special constructed SIC or special constructed ceramic, upon a frame consisting of 78 layers of Ultra High Molecular Weight Polyethylene (UHMWPE), compressed under high pressure, combined with coxwell layers and a special developed type of shock-absorbing **Ethylene-Vinyl Acetate**.

NATO NCAGE Number: R00E2



1. Ballistic protection level: B32 10m, trauma below 25mm
2. Material: SIC 12mm + PE 14mm +5mm EVA+ PE 2mm
3. Shape: Singles Curve R400
4. Ceramic type: Small Square ceramic
5. Plate size: 253*330mm*35mm, Ceramic size 250*325*12mm
6. Weight: 4.3kg
7. Finishing: Black nylon fabric cover, Printing is available upon request
(Tolerance Size $\pm 5\text{mm}$ / Thickness $\pm 2\text{mm}$ / Weight $\pm 0.05\text{kg}$)



1. Ballistic protection level: B32 10m, trauma below 25mm
2. Material: Al2O3 12mm + PE 14mm +5mm EVA+ PE 2mm
3. Shape: Singles Curve R400
4. Ceramic type: Small Square ceramic
5. Plate size: 253*330mm*35mm, Ceramic size 250*325*12mm
6. Weight: 4.95kg
7. Finishing: Black nylon fabric cover, Printing is available upon request.
(Tolerance Size $\pm 5\text{mm}$ / Thickness $\pm 2\text{mm}$ / Weight $\pm 0.05\text{kg}$)

8- Ballistic protection ratings

Part	Minimum protection level
Hard elements, front and back, in contact with soft armor	Enhanced protection level P 3x 7.62x54R, 9.6g LPS (AP), 850 m/s \pm 10 m/s, at a distance of 10m 3x 7.62x54R, 10.4g B32 (API), 860 m/s \pm 10 m/s, at a distance of 10m 25mm maximum backface deformation
Hard elements, sides, in contact with soft armor	1x 7.62x54R, 9.6g LPS (AP), 850 m/s \pm 10 m/s, at a distance of 10m 1x 7.62x54R, 10.4g B32 (API), 860 m/s \pm 10 m/s, at a distance of 10m 25mm maximum backface deformation
Soft elements, front and back, standalone	5x 9mm Stechkin SAP, 5.9g 57-H181c BS, 335 m/s \pm 10 m/s, at a distance of 5m 25mm maximum backface deformation 1.1g V50: 600+ m/s (420x420mm or larger size)



Ukraine standard level 6+
(stop Wolfram / Tungsten)
Russian .545 with Tungsten Caps.

SIZE MEDIUM Example.

Small: 222x298cm

Medium: 241x318cm

Large: 260x337cm

X-Large: 280x356cm

The dimension is calculated from the
Ceramic material inside the plates, not
the outer of the plate

