



The shield's special dimensions, i.e. 1750 x 700 [mm] and the use of telescopic legs, which allow the positioning of the shield in a vertical position, create an extremely safe and comfortable workspace for persons working with explosives. The size and shape of the shield increase the probability that the overpressure generated during the MW explosion will bypass the space behind the shield. A centrally mounted visor ensures easy orientation in the surrounding. A rigid handle attached on the inner side of the shield helps handle and position the device.

The shield is designed and equipped to protect against standard fragments, made of the alloy steel with a mass (1,10 g  $\pm$  0,03 g) for impact speed 525  $\leq$  50 < 600 m/s. Fragmentation class O2 according to PN-V-87000: 2011. According to research conducted by Military Institutes in Poland Shield reduces hypertension up to 5 times. Study Carried out for a 250g Semtex without a 2 m firing target, gave a result of 150Kpa behind the shield for the same 30KPa test. Study was conducted with the 840 gr Semtex conversion equivalent to 1 kg of TNT firing at a distance of 1.2m before the target gave a score of 80KPa behind the target.

#### Parametry techniczne

Height	1750 mm
Width	700 mm
Visor	100 x 260 [mm]
Weight	14 kg

#### Colour:

NATO olive drab, beige, blue and black. Other colours are available on request.

#### Options:

Visor size can be changed.

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