

EOD Suit High Protection PCS-1



EOD suit is the personal protection equipment high velocity fragments, blast overpressure, high temperature and flame generated by an explosion.

- Comfortable when standing or squatting
- Material: UHMWPE\ aramid \Permanent flame retardant, anti-static and bulletproof transparent material.
- Ventilating system prevent the visor from fogging.
- Performance: weaken the shock overpressure, helmet is tested to V_{50} exceed 720m/s, main parts are over 1600m/s.
- Removable enhanced plates
- Front pocket for carrying work tools
- Shoulder handles help to wear, quick-release system.
- Visor can be adjusted easily suits for all kinds of operation.

Specifications

EOD helmet	Full protection Adjustable transparent visor Ventilating system Communication system(optional) illuminating system(optional)
Protection suit	Jacket and Trousers chest and groin enhanced plates Spine protection device Groin protection short trousers Quick-release device Hands & feet protection, knee pad Trousers widened article
Weight	Total weight 35kg Protection suit 25.5kg (with enhanced plates) EOD helmet 3.5kg Accessories 6kg
V50	Helmet $\geq 720\text{m/s}$ Visor $\geq 850\text{m/s}$ Transparent window $\geq 750\text{m/s}$ Surface $\geq 600\text{m/s}$ Plates $\geq 1600\text{m/s}$
Shock Wave Performance	Tested with Hybrid dummy, shows ultra-strong performance
Color	Dark blue /camouflage (customization as requirement)