

Non-Combatant Anti-Concussion/Burn Armor

Government: [Democratic Imperium of Nepleslia](#) Type: Non-Combatant Anti-Concussion/Burn Armor
Designer: Sergeant Ran Rui, Planetary Marine Infantry Manufacturer: N/A, awaiting approval. History and Background: Sergeant Ran Rui was orphaned to a malfunction in the air supply of his parent's trade vessel, which claimed the lives of the crew aboard. Faced with countless stories of injuries and deaths relating to workers in hazardous places in numerous ships, Sergeant Ran developed the designs for the Non-Combatant Anti-Concussion/Burn Armor, or NCACB Armor, for short.

Appearance: Worn with a full-bodied fire-retardant bodysuit sporting reflective stripes on both arms and legs for safety in low-light conditions. All armor plating is made of two layers of tough polymer 1/8 inch thick with a small layer of Durandium in-between each layer. The chest plate is designed to cover the ribs and chest of the wearer, while the collar of the chest plate covers the neck, particularly the jugular. The shoulder pads that cover the shoulder joints sport two mounts for two high-intensity LED lights. Forearm armor sports an integrated Hazardous Gas monitor. Groin protection is mandatory for both male and females. Thighs are covered by armor that is designed to resist puncture wounds to prevent damage to the major femoral artery. Leg armor is worn from the kneecap covering the shins, with a tight wrapping around the ankles to prevent sprains. Armor worn on the back is essentially just polymer scales to allow for maximum mobility, with Durandium steel plates covering the spinal column. Helmets developed cover the back, sides, top and forefront of the head, similar to the Marines in Halo (Yeah, I had to do it.) Small tubes that connect into the helmet supply oxygen in an emergency and can recycle oxygen through an optional rebreather worn as a back-pack for 48 hours. Small cushions situated in the bottom of the helmet inflate to seal off the helmet in case of air leaks or hazardous material leaks. Each piece of armor is designed to conform to the average curve of the body so as to be as unobtrusive as possible. Each piece of armor is attached via quick-detachable strips.

Mass: The Armor, Worn with all accessories, should be 40-50 ilbs.

Cost: Recommended cost per unit is 3500, 4000 with optional mask and rebreather. Due to the high cost, the NCACB Armor should be relegated to those dealing with high-risk jobs on-board ships.

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