

SmartShell™ Hand Protection

BKCR4599

HPPE CR Level 4 Shell,
Nitrile Anti-Slip Coating, TPR Padding



Brass Knuckle® BKCR4599

How can industry reduce the estimated 110,000 lost time hand injuries every year? Say goodbye to your grandfather's leather work gloves. Advanced technology has produced hand protection products that meet specific needs while enhancing worker comfort, dexterity, and productivity. Then comes the protection. Engineered materials and mechanical constructions deliver hundreds of times more cut, abrasion and slip resistance than traditional leather gloves.

Ideal Markets

Assembly | Agricultural | Construction | Aerospace | Electric Energy | Engineering | Forestry & Logging | Heavy Equipment | Machine Operation | Manufacturing | Material Handling | Mining | Metal Handling | Oil & Gas Drilling | Packaging | Refining | Rigging | Transportation

MEGA-MIGHTY CONSTRUCTION FOR RESISTANCE TO JUST ABOUT EVERYTHING

Brass Knuckle® at its finest, the BK4599 is a high-end mechanic's glove featuring abrasion resistance, ANSI level 4 cut resistance, breathability, durability, flexibility, grip surface, and impact resistance.

On the palm and fingers, the BK4599 offers three layers of protection. The liner is an ultra high-performance polyethylene (HPPE) and spandex composite, delivering heavy duty cut resistance without bulk. Bonded to this first layer is a gray polyurethane (PU) fabric topped with a grippy nitrile surface. In critical areas of the palm, the grippy surface features additional padding. Finally, the back of the hand is loaded with sonically welded thermoplastic rubber (TPR) padding for serious impact resistance.

This glove is a mega-mighty construction — featuring fit, form, and function.



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1. Layered construction features HPPE/spandex composite with PU fabric and nitrile anti-slip bonded surface. 
2. High flexibility — padding and coatings are adjusted at flex points to make this a top-rated ergonomic glove.
3. Ethylene vinyl acetate (EVA) padding in critical areas of the palm increases protection.. Reinforced thumb croch extends glove life.
4. Back-of-the-hand TPR padding provides durable, long-lasting resistance to abrasions, contusions, punctures, and cuts.
5. HPPE knit is a high-performance fiber that provides ANSI cut level 4 protection. HPPE is lightweight, low-linting and does not easily absorb liquids.
6. Neoprene cuff (2mm) with hook-and-loop closure for secure, stay-on fit.
7. Microfiber loop for latching or clipping gloves to tool belts.



Brass Knuckle® SmartShell™ BKCR4599

BKCR4599 is the ultimate in cross protection. Slide this glove on and you immediately feel the heavy-duty cut, impact, and slip resistance. Long-wearing comfort and excellent dexterity makes this a must-try heavy duty work glove.

Size	Shell/Coat	Pack Sz	Part #
8	DK Gray/Black	12 pair	BKCR4599-8
9	DK Gray/Black	12 pair	BKCR4599-9
10	DK Gray/Black	12 pair	BKCR4599-10
11	DK Gray/Black	12 pair	BKCR4599-11

WARNING: Cut-resistant gloves are extremely cut resistant but not cut proof. Do not subject to high speed or highly serrated blades. Always disconnect power before cleaning or removing sharp blades.

