

IR-X[®] Impact Protects First Responder

A crew member from Pinewood Fire and Rescue avoided a serious extrication injury while performing the roof flap method using a pair of hydraulic cutters. Though the incident could have resulted in serious harm, the rescue crew member attributes this save to his HexArmor[®] EXT Rescue[®] 4011 gloves.

Called into Action

A rescue crew from Pinewood Fire and Rescue responded to a call for a woman who was trapped in her car, which had rolled onto its side. Upon arrival, the crew assessed the situation and realized the roof needed to be flapped down before the woman could be removed from the vehicle. To do this they added struts to designated areas surrounding the vehicle to help stabilize it. Once the struts were in place, the crew started cutting away at the marked posts in order to free the woman.



HexArmor[®] gloves are designed to allow maximum dexterity without sacrificing protection.

One crew member was using Hurst Hydraulic Cutters. He began the roof flapping process by cutting the A post, and from there moved to the B post. As he was cutting the B post, he noticed the handle of the cutter was getting close to a window divider, so he released the throttle ring on the cutter



The worker's whole hand was saved, and only part of the glove was left.

to create space. Instead of providing more space, the cutters trapped his hand against the vehicle. He pulled his hand away from the vehicle as hard as he could, and to his surprise, his whole hand had been saved, and only part of the glove was left behind.

The crew member attributes this save to his HexArmor[®] gloves saying, "I was lucky to be wearing a pair of quality extrication gloves with finger padding. I left a piece of the glove and only suffered some nerve damage." He could have lost his finger, but because of the strength of his gloves, and his quick thinking, he went home in one piece. In situations like the above incident, it is important to remember where your tools are throughout the extrication process, and to take the time to reposition them as needed.

- Hydraulic cutters are extremely dangerous and when used create even more area hazards like sharp edges on vehicle frames, and jagged debris.
- The Pinewood rescue crew member attributes this save to his 4011 EXT Rescue[®] gloves, with high impact and cut resistance.
- SuperFabric[®] brand material is a HexArmor[®] exclusively licensed solution for the Industrial PPE Market that provides industry leading cut resistance, without sacrificing dexterity and comfort.

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Product Solutions

Equipped with the most protective impact-resistance system in the industry and a durable high-grip palm, the EXT Rescue® series outworks every other protective glove available and outlasts the roughest and toughest operations.

Ext Rescue® 4011

The EXT Rescue® 4011, highlighted in this case study, provides the highest level of impact protection with our IR-X® technology. And with a cut resistant SuperFabric® brand material palm (interior layer), it offers the needed levels of protection from common extrication cut hazards, like jagged vehicle pieces and tools.



Ext Rescue® 4012

The EXT Rescue® 4012 has the highest level of dexterity and movement in our extrication series, without sacrificing high impact, cut, and abrasion resistance. And all of our gloves feature a hi-vis back of hand, so they are ready for any call to action.



Ext Rescue® 4013

The EXT Rescue® 4013 has a SlipFit® cuff for an quick on and off between tasks. The cuff also tightens at the wrists to keep debris out. All of our EXT Rescue® gloves were built with the needs of fire and rescue professionals in mind.



Ext Rescue® 4014

The EXT Rescue® 4014 takes the cut and impact protection found in the 4012 and combines it with an H2X® barrier for bloodborne pathogen resistance.



HexArmor® is an industry leading manufacturer of high performance personal protective equipment (PPE) made with technologies that push the limits of cut, puncture, needle, and abrasion resistance. Our mission is simple: give you better products with better technology designed with end user needs and collaboration. HexArmor® works with industries from oil and gas, to mining, food processing and waste recycling to design the best working and most protective glove available today.

Cut Resistance

SuperFabric®* technology provides industry leading cut resistance. SuperFabric® brand material is a HexArmor® exclusively licensed solution for the Industrial PPE Market that provides resistance against lacerations, punctures, and slashes like no other material in the industry today.

Puncture Protection

HexArmor® gloves were laboratory and field tested to validate industry standards puncture resistance performance and prevent sharp tools, blades and protruding hazards from penetrating the glove.

Smash Protection

Proprietary HexArmor® IR-X® Impact Exoskeleton™ with advanced shock-absorbing materials deliver a superior level of protection and have the ability to absorb blunt force impacts better than any other product on the market.

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