

# XP<sup>TM</sup> MAX PROTECTIVE SAFETY WEAR

*Designed and Tested by the Pulp and Paper Industry  
For the Pulp and Paper Industry*



[www.orrsecurity.com](http://www.orrsecurity.com)

**ORR Safety**  
Your Safety. Our Focus.<sup>™</sup>



## The XP MAX Story

### The Problem

In 2012 ORR Safety was challenged by an important Pulp and Paper customer to **design one garment to replace multiple personal protective equipment pieces** they had in use. The products they were wearing were heavy, hot, uncomfortable and impractical. It required their safety managers and supervisors to ensure employees made numerous changes per shift to be appropriately outfitted to address each hazard they encountered during their work day, a daunting task for all involved.

### The Challenge

Our challenge was to find or develop a single piece of protective clothing that would replace multiple garments used daily in a variety of harsh environments. This new garment would have to protect workers from heat and chemical splash, but would also need to be lightweight, durable and comfortable to wear. **Clothing that could meet these requirements would improve protection, agility and efficiency while reducing fatigue. Employees would be able to get their work done, and be more productive.**

### The Solution

Once we understood the complexity of the hazards and needs of the workers, we reached out to trusted suppliers to help us brainstorm a solution. It was during this process that we found a material we thought could meet the requirements.

Sample garments were sent to the customer. After nearly a year of successful testing along with an overwhelming positive response from their workers, we knew we had the solution; **XP MAX Protective Safety Wear.**

### Protection Comes First

When there's a challenge with protecting people in the workplace, our customers know they can rely on ORR Safety's knowledge, experience and relationships to go beyond commodity PPE to provide true protection, true solutions, and true value.



***“You won’t find a  
single garment  
like this anywhere else!”***

## ***Superior Protection***



## ***Standards***

- NFPA 70E Electrical Arc Testing  
8.6 cal-HRC2
- ASTM F739-12 for Permeation of  
Liquids and Gases

# Multiple Configurations Available!



**Jacket with Hood**

30 inches long (other jacket lengths available)  
Heavy duty zipper on Aramid tape  
All metal thermally protected from skin  
Double protective storm flap with Velcro®  
Aramid high tenacity FR thread  
Bar-tacked at all stress points  
Mic/radio tabs  
Attached hood with drawstring closure  
Cinch straps on wrists  
Throat guard over zipper with Velcro® closure



**Bib Overalls**

Bib pant comes in variety of lengths and offers maximum fit and comfort  
Aramid high tenacity FR thread  
Bar-tacked at all stress points  
Heavy duty zipper on Aramid tape  
All metal thermally protected from skin  
Velcro® closure over zipper  
Aramid stretch straps across back of bib for comfort  
Thermal adjustable buckles  
Cinch straps on legs



**Coveralls with Hood**

Coverall built for comfort and ease of donning with side elasticized waist and an attached hood  
Aramid high tenacity FR thread  
Bar-tacked at all stress points  
Heavy duty zipper on Aramid tape  
All metal thermally protected from skin  
Attached hood with drawstring closure  
Double protective storm flap with Velcro®  
Cinch straps on wrists  
Cinch straps on legs  
Mic/radio tabs

**XP MAX** PROTECTIVE  
SAFETY WEAR

**CARBON X**

## **Fabric:**

**CarbonX CR80 Repel** - is made of a patented blend of high-performance fibers and a proprietary compound that enables the fabric to shed molten metal, certain chemicals and hot or flammable liquids. The fabric is non-flammable and will not burn, melt or ignite.

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**Styles and Sizes listed below are in stock and available for immediate delivery!**

**Note:**

40" jackets and TALL sizes for bib overalls and coveralls are also available. For information on additional sizes and configurations, please call an ORR Safety representative at 800.669.1677.

### 30" Jacket with Attached Hood

FR Jacket, XP Max, 9 oz. Gray Inherent Fabric, NFPA 2112, 8.3 Cal, HRC 2, Chemical Splash

OSC91001130L	LARGE
OSC91001130XL	X-LARGE
OSC910011302X	2X-LARGE
OSC910011303X	3X-LARGE

### 35" Jacket with Attached Hood

FR Jacket, XP Max, 9 oz. Gray Inherent Fabric, NFPA 2112, 8.3 Cal, HRC 2, Chemical Splash

OSC91001135L	LARGE
OSC91001135XL	X-LARGE
OSC910011352X	2X-LARGE
OSC910011353X	3X-LARGE

### 52" Jacket with Attached Hood

FR Jacket, XP Max, 9 oz. Gray Inherent Fabric, NFPA 2112, 8.3 Cal, HRC 2, Chemical Splash

OSC91001152L	LARGE
OSC91001152XL	X-LARGE
OSC910011522X	2X-LARGE
OSC910011523X	3X-LARGE

### Bib Overalls

FR Overall, XP Max, 9 oz. Gray Inherent Fabric, NFPA 2112, 8.3 Cal, HRC 2, Chemical Splash, Suspenders

OSC91001110L	LARGE
OSC91001110XL	X-LARGE
OSC910011102X	2X-LARGE
OSC910011103X	3X-LARGE