



Arc Rated Clothing

Mission/Story

WE BELIEVE IN QUALITY PRODUCTS HANDMADE IN THE US

At OTEX, our focus is on the continued development of high performance safety products to protect electricians from the deadliest event they will face on the job — an electric arc flash. Each component used in our PPE is made by top American brands like Westex, DuPont, YKK, and Coats America. Every fire retardant component complies with NFPA 70E, NFPA 2112, and ASTM 1506.

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Rise X™

The Rise™ arc flash hood is the newest hood technology. The shield can be lifted and lowered without removing the hood.



- Raise and lower shield without removing hood
- 99.9% color clarity
- Integrated vents for hearing and maintaining oxygen levels
- Attachment-ready:
 1. arc sensor
 2. ventilators
 3. headlamps

** Attachments include all ventilators, sensors, and light options



Static X™

The Static™ arc flash hood is stays in a fixed position.



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- 99.9% color clarity
- Exceptional seal between shield and fabric
- Attachment-ready:
 1. arc sensor
 2. ventilators
 3. headlamps

** Attachments include all ventilators, sensors, and light options

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ArcSensor™

The ArcSensor™ is an emergency ventilator shut down system that is intended to maintain fresh air inside the hood after an arc flash contaminates the environment.



- Shuts down for arc flash events
- Plugs into any OTEX ventilator
- Attaches to the front of an "attachment-ready" hood
- Covered in AR fabric
- Single use (after exposure to arc flash)

IonX Vent™

The IonX Vent™ is our newest technology. We start with a brand new design and send it to a 3D printer. Once the incredibly strong model is finished, we add a dual fan system that runs on M12 Milwaukee lithium ion batteries.



- **New!** First lithium ion powered arc flash ventilator
- Partnership with Milwaukee enables the use of an M12 battery and USB tool
- (same one that comes with the heated jacket)
- Dual fan system reduces noise and provides more direct air flow.
- Sensor-ready
- 6 Hour consistent flow battery life
- 30 CFM

Energizer Vizion HD Headlamp

The V12 is our original design ventilator that still dominates when it comes to airflow. It's nearly indestructible design keeps this bad boy in service through years of abuse.



- 300 Lumens
- 4 modes
- 4 - 35 hour run time
- 3 AAA batteries included

V12 Ventilator

The V12™ is our original design ventilator that still dominates when it comes to airflow. It's nearly indestructible Kydex design keeps this vent in service through years of abuse.



- 35 CFM!
- 6 hour run time
- Durable Kydex Shell
- Sensor compatible
- Runs on 8 AA batteries
- **remove batteries between use to avoid leaking and damage

Arc Jackets

Having a jacket build to both resist the force of an arc flash, and be quickly removed in an emergency is the primary goal. All OTEX jackets come standard with extra-wide Velcro* and a pull tab at the collar built to be accessible when the user is wearing rubber gloves. The rest of the features are focused on performance and comfort; like top stitched shoulders, soft knit, tagless collar, and cuffs that hold the sleeves in place when you put gloves on.



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Features:

- Stand up collar with quick grab pull tab
- Comfortable knit collar
- Velcro and Zipper options
- Rib knit cuffs
- Extra wide Velcro

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Bib Overalls

For all situations with a potential of 25 cal/cm² or above we recommend choosing Bib Overalls instead of Overpants. We have designed the bib overall to extend the protection over the lower vital organs, which should help further decrease the risk of injury when combined with a jacket.



Features:

- "X" pattern holds bib straps to shoulders
- Stomach panel increases abdomen protection
- Reach through to your regular pants pockets
- Dropped crotch to fit comfortably over pants
- Triple stitch butt seam
- Drag-less pant bottoms
- Double layer knees (optional)
- Extra wide Velcro



Over Pant

Convenience, speed, and mobility matter when it comes to service calls. This concept was top of mind when designing this simple but effective pair of overpants. Big, wide legs make it easy to put these on and off (several times a day if necessary), without removing your boots. The elastic waist is aided by a helpful draw string. No tags in uncomfortable spots, ever



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Features:

- Elastic and draw string cord waist band
- Dropped crotch to fit comfortably over pants
- Dragless pant bottoms
- Pockets (optional)
- Dual layer knees (optional)
- Extra wide Velcro

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Coveralls

If a coverall is designed wrong, and the user is constrained in removing it after an arc flash, the coverall itself will compound the severity of the emergency. The design should always allow for ample room between the legs, around the ankles, and in the back to expedite removal.



Features:

- "X" pattern holds bib straps to shoulders
- Stomach panel increases abdomen protection
- Reach through to your regular pants pockets
- Dropped crotch to fit comfortably over pants
- Triple stitch butt seam
- Dragless pant bottoms
- Double layer knees (optional)
- Extra wide Velcro



Standard Balaclava™

A stretchy hood sock that won't ignite, melt, or drip. Designed to be worn over the nose or below the chin. 15 cal



- 15 and 24 cal/cm²
- Stretch face opening
- Triple stitched seams
- Rib knit fabric

3-n-1 Bag

3-in-1 backpack was built carry all the necessities of a high voltage arc flash kit – the hood, clothing, and gloves – while keeping your hands free. The front hood pocket is lined from soft-napped, mold and mildew resistant fabric so you do not scratch your shield. The main compartment can hold a 5X 40 cal jacket and bib with room to spare for the ventilator (and even a tool roll). A vented side pocket fits insulated gloves perfectly, or all your zip ties and electrical tape. This bag was built for the big jobs.



Features:

- Hood pocket
- Glove pocket
- Main PPE pocket
- Carry handle
- Made in USA
- Reinforced shoulder straps

Hard Hats / Brackets / Shields

Head and face protection from injury due to brute impact with other objects, debris, and electric shock.



Hard Hats:

- JSP
- MSA V-Gard

Brackets:

- Snap-in (recommended)
- Universal

Faceshields with Velcro for complete hoods:

- 25 cal/cm²
- 40 cal/cm²
- 75 cal/cm²
- 100 cal/cm²



Faceshields with integrated chin cups and brackets. For use with balaclavas:

- 12 cal/cm²
- 20 cal/cm²

Sizing

Use this size chart to ensure the perfect fit of our protective clothing. Please contact us if a custom fit is required.

1.) Sleeve

Start at the back of your neck and measure along the top of your arm to your wrist.

2.) Chest

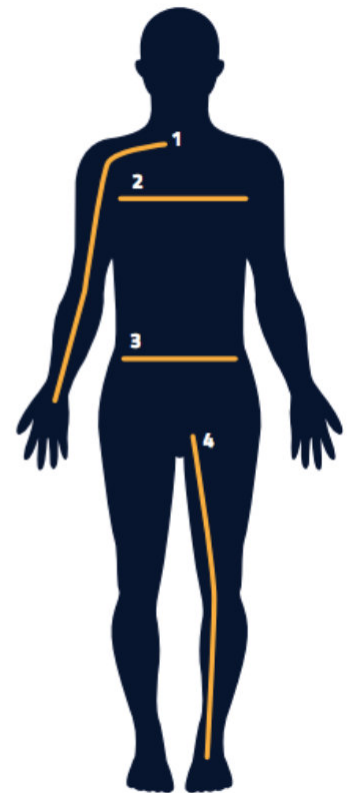
Measure under your armpits and around your shoulder blades at the widest part of your chest.

3.) Waist

Measure loosely around your waist where a belt would sit.

4. Inseam

Measure on the inside of your leg starting at the crotch to 1 inch below your ankle.



	Small	Medium	Large	X-Large	2X-Large	3X-Large	4X-Large	5X-Large	6X-Large	Variance
Chest Size	36-38	40-42	44-46	48-50	52-54	56-58	60-62	64-66	68-70	+/- 1"
Waist Size	32-34	36-38	40-42	44-46	48-50	52-54	56-58	60-62	64-66	+/- 1"
Sleeve Length	34.5	35.5	36.5	37.5	39	40.5	42	43.5	45	+/- .5"
Pant Bottom	23	23.5	24	25	26	27	28	28	28	+/- .5"
Inseam (Short)	30	30	30	30	30	30	30	30	30	+/- .5"
Inseam	32	32	32	32	32	32	32	32	32	+/- .5"
Inseam (tall)	34	34	34	34	34	34	34	34	34	+/- .5"



OUR OBSESSION. YOUR LIFE.

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