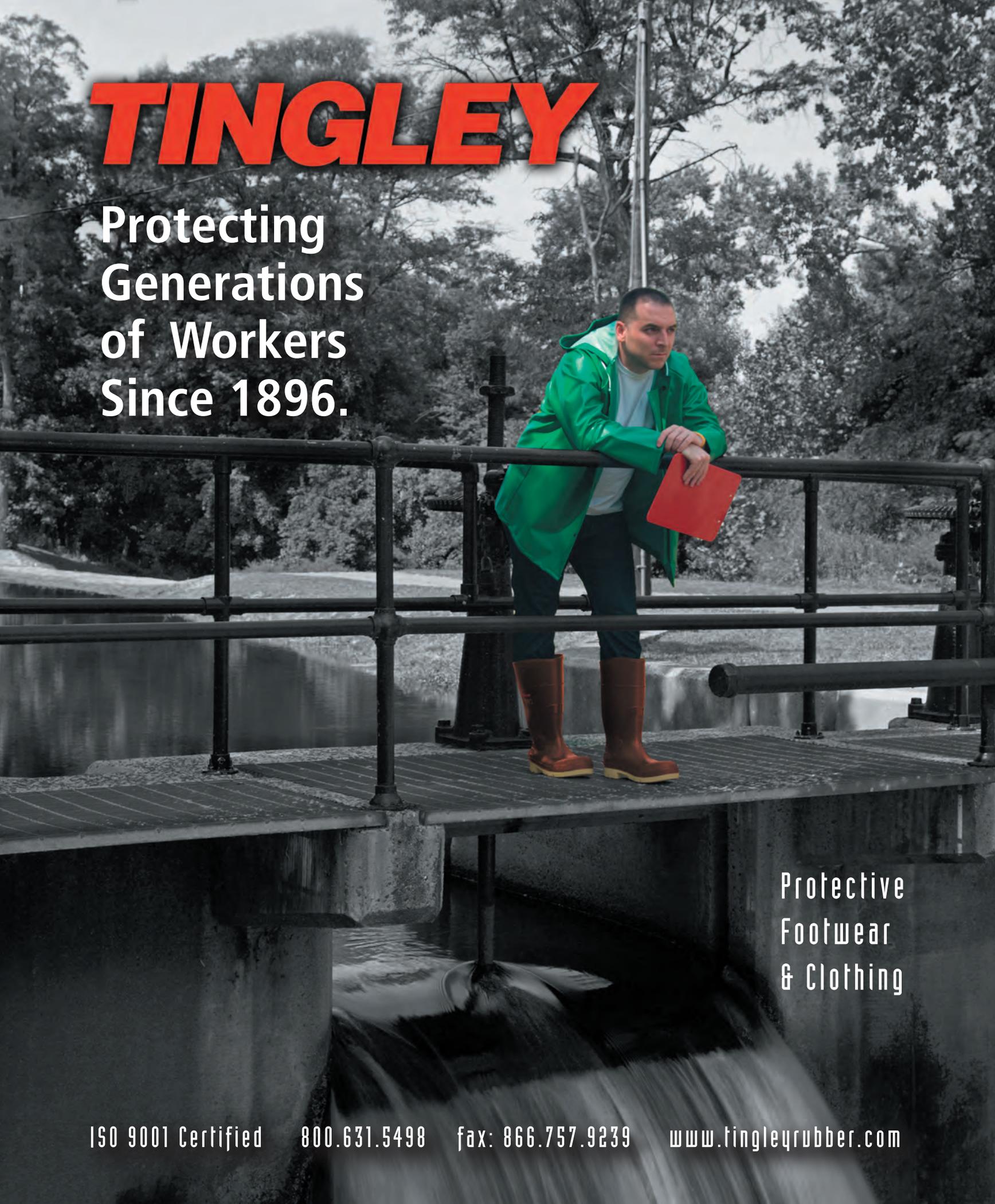


TINGLEY

A man in a bright green raincoat and brown rubber boots is leaning on a metal railing at a water treatment facility. He is holding a red clipboard. The background shows a large body of water and trees.

Protecting
Generations
of Workers
Since 1896.

Protective
Footwear
& Clothing

ISO 9001 Certified

800.631.5498

fax: 866.757.9239

www.tingleyrubber.com

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Behind every Tingley product is more than a 120 year tradition of quality and excellence.

The year was 1896 and C.O. Tingley had a bicycle tire plug to sell. He traveled as far as Buffalo, New York, Boston, Massachusetts and Washington, D.C. and back to New Jersey. All on his bicycle.

Today, the fifth generation of family management has expanded and refined the product lines that reach both consumer and industrial markets. Tingley now offers a complete line of waterproof protective footwear and clothing.



Tingley was first then, and we are first now! Tingley was the first to introduce:

- A compression molded unlined stretch rubber overshoe.
- An injection molded unlined stretch rubber overshoe.
- A line of injection molded PVC overshoes.
- Exterior coated polyurethane protective clothing with sealed seams, for the food processing industry.
- A hazardous material boot to accommodate the bulk of an encapsulated suit without upsizing.
- Injection molded Steel Toe PVC overshoe. An affordable solution for workers or visitors who require steel toe protection.
- Quad Hazard® rain suit.
- Aerex 1.5.5™ microcellular chemical resistant boots.
- Composite toe injected molded PVC safety boots.

For generations Tingley has been making high performance products that meet the demands of our valued customers.

Over-The-Shoe Footwear Guide

Tingley offers the broadest selection of injection molded over-the-shoe footwear in the industry.

Our line offers options of materials and styles to meet a wide range of protection and application requirements. We offer injection molded overshoes in Natural Rubber and PVC (Polyvinyl Chloride). We complement this offering with both steel toe safety and slip resistant ice traction overshoe products.

Our overshoe products allow users to wear their normal work shoes, while having protection against the environment. Overshoes are the perfect choice when the protective requirements are intermittent or weather driven.

Material Selection:

Before choosing a material where contact with a given chemical may occur, the users should perform their own tests. If highly toxic chemicals are present, special care must be taken into consideration when choosing the correct protective product. This care should include daily inspections to ensure that normal wear and tear have not reduced the integrity of the product. Depending on the toxicity level of the chemical, products should be disposed of if intimate contact with the chemical has occurred.

Natural Rubber: Has outstanding stretch for easier on and off, and excellent low temperature properties allow the material to stay supple in cold temperatures. It has superior slip, puncture, and cut resistance as compared to PVC. Rubber resists bases, acids, alcohols, and diluted water solutions of most chemicals that are water-soluble. It is a hydrocarbon and does not withstand constant contact with petroleum and oil based solvents.



PVC (Polyvinyl Chloride): Is a synthetic thermoplastic polymer that provides good protection against animal fats, many acids, alcohols, alkalis, bases, oils, and petroleum hydrocarbons. PVC is not recommended for use in ketones, aldehydes, and many solvents. Our Frigiflex® formula, used in our Workbrutes overshoe line, has good stretch and low temperature properties to stay supple in cold weather.



INJECTION MOLDED OVERSHOE FEATURES

1. Seamless construction for 100% waterproof protection.
2. More material in heel, toe, and sole for longer wear.
3. Less material in the upper results in lighter weight for improved flexibility and less leg fatigue.
4. Sturdy molded button on boot styles for secure closure. No hardware to corrode, conduct, tear, or snag.
5. Full opening gusset on boot styles for easy on and off.
6. Heavy duty heel kick for easy off.
7. No lining. Completely washable. Wipes dry quickly.
8. Deep cleated outsole spits out debris for good slip resistance and longer wear.

For Tingley's Chemical Compatibility chart, visit our website at www.tingleyrubber.com

TINGLEY Fit For Work



Our natural rubber work overshoes allow you to work comfortably in the toughest conditions.

1300 Hi-Top Design will better fit today's larger work shoe styles, including steel toe work boots.

2300 Hi-Top is the design and fit of the original 1300

Increased length, fuller vamp and toe box dimensions

Increased dimension of toe, ball, and heel width



1300



2300 (original 1300)

Overshoe Size	Men's
Small	6½ - 8
Medium	8 - 9½
Large	9½ - 11
X Large	11 - 12½
2X Large	12½ - 14
3X Large	14 - 15½

Ideal Applications: Food Processing, Transportation, Utilities, Construction, General Industry, Municipalities, and Agriculture.

Chemical Resistance: Acids, alcohols, bases, and diluted water solutions of most chemicals that are water soluble. Not recommended for constant contact with petroleum and oil based products.



1300

2300

Our Natural Rubber Work Overshoes Stretch Easily Over The Bulkiest Of Workshoes

With its reinforced heel and toe, our work rubber overshoes are designed to stand up to tough daily wear. That's why they are considered the industry standard.

- Injection molded, seamless construction for 100% waterproof protection.
- Excellent tensile strength, ease of stretch and tear resistance for more durability, better comfort, and easier on and off.
- Will not crack or stiffen in the coldest of weather.
- Deep cleated outsole spits out debris for good slip resistance and longer wear.
- Heavy duty heel kick-off cleat for easy no hands removal.
- Sturdy molded in rubber button on 10" boot style, for secure closure. No hardware to conduct, tear, snag, or corrode.
- No lining for easy cleaning and decontamination.
- More material in heel, toe, and sole for longer wear.
- Less material in the upper results in lighter weight and reduced leg fatigue.

RUBBER OVERSHOES

HI-TOP WORK RUBBER – COVERS WORK SHOE UP TO THE ANKLE

1300	Black – Cleated Outsole	S – 3XL
2300	Black – Cleated Outsole	S – 2XL

10" WORK BOOT – MOLDED IN BUTTON FOR SECURE CLOSURE

1400	Black – Cleated Outsole	S – 3XL
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Workbrutes® More Material, More Traction, Longer Wear



The name Workbrutes means more traction, more comfort, and more protection.

Workbrutes® PVC Overshoes Have Thicker And Deeper Cleats For Better Grip And Longer Wear

Our injection molded Workbrutes PVC overshoe has 46 percent more material in its outsole than the nearest slush molded competitor. Our Frigiflex® PVC compound contains special additives for high stretch and flexibility in cold temperatures.

- Injection molded, seamless construction for 100% waterproof protection.
- Injection molding puts less material in the upper eliminating unnecessary weight, for reduced leg fatigue.
- For longer life more material is added to the sole at the greatest wear points: the heel, toe, and cleats.
- Thicker tread has deeper cleats with sharper edges for more traction.
- Key interior entry points are specially textured to allow overshoes to easily slip on and off over rubber sole shoes.
- Boots feature no-pinch molded in button and two button holes for better fit and protection.
- Heavy duty heel kick-off for easy off.



Cleated Outsole:
Spits out debris and provides excellent traction.

Overshoe Size	Men's
X Small	5 - 6½
Small	6½ - 8
Medium	8 - 9½
Large	9½ - 11
X Large	11 - 13
2X Large	13 - 15

Ideal Applications: Food Processing, Construction, General Industry, Transportation, and Hazardous Waste Cleanup.

Chemical Resistance: Some exposure to fats, certain acids, hydrocarbons, and caustics. Not recommended for use in ketones, aldehydes, and many solvents.



PVC OVERSHOES

HI-TOP WORK STYLE – COVERS WORK SHOE UP TO ANKLE

35111	Black – Cleated Outsole	XS – 2XL
35113	Yellow – Cleated Outsole	XS – 2XL

10" WORK BOOT – MOLDED IN BUTTON FOR SECURE CLOSURE

35121	Black – Cleated Outsole	XS – 2XL
35123	Yellow – Cleated Outsole	S – 2XL

14" KNEE BOOT – MOLDED IN BUTTON FOR SECURE CLOSURE

35141	Black – Cleated Outsole	S – 2XL
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Navigate The Winter Landscape With Confidence In Orion® Overshoes

Orion® combines a sturdy nylon upper with a lightweight polyurethane midsole and a durable TPR outsole to create an anti-fatigue overshoe with heavy-duty performance.

- 840 denier nylon with polyurethane coating is waterproof and durable.
- Roomy interior design to accommodate oversized work boots.
- Extra wide gusset for easy donning and doffing.
- Hook & loop closure allows customizable fit.
- Adjustable instep strap with quick-release buckle for ease of use while wearing gloves.
- Deep lug, cleated outsole provides sure-footed traction in wintry conditions.
- Polypropylene foam liner provides cushioning and insulation.
- 14" standard height with a 6" roll-a-way gaiter expands coverage to 20".
- Reflective accents on all sides offer enhanced visibility in low light conditions.
- Lightweight, anti-fatigue design for all day comfort.

Superior protection against winter's harsh elements.



Orion Outsole:

The Orion outsole is designed for stability and grip. The thermoplastic rubber (TPR) stays flexible in cold temperatures, and perimeter cleats provide sure-footed stability. Deep lug, self-cleaning treads have a variety of angles and surfaces for traction in snow and slush.

Ideal Applications: Parcel Delivery, Utilities, Construction, Commuting, Public Works, and Winter Work Outdoors.



ORION OVERSHOE

7500G | Black - Cleated TPR Outsole, Reflective Accents | S - 2XL

Size	Fits Men's Work Boots	Fits Women's Work Boots
Small	4 - 5½	6 - 7½
Medium	6 - 7½	8 - 9½
Large	8 - 9½	10 - 11½
X Large	10 - 12	12 - 14
2X Large	13 - 15	



Navigate the winter landscape with confidence.

Waterproof Protection From Harsh Winter Elements

- 840 denier nylon coated with durable polyurethane for waterproof protection.
- Wide gusset for easy on and off.
- Roomy interior designed to fit large heel work boots and hikers.
- Adjustable instep strap and cinch cord provide secure fit.
- Deep lugs provide great traction and self-clean by expelling snow and slush with every step.
- Heel stabilizer and perimeter cleats provide steady and secure footing.
- 11 inch (28 cm) height protects entire work boot from foul weather.

ORION LTE OVERSHOE

7400

11" Ht, Black - Cleated TPR Outsole

S - 2XL



Deep Cleated Outsole: Orion LTE features a thermoplastic rubber (TPR) outsole that stays flexible in cold temperatures, and perimeter cleats that provide sure-footed stability. Deep lug, self-cleaning treads have a variety of angles and surfaces for traction in snow and slush.

Ideal Applications: Utilities, Construction, Commuting, Public Works, and Winter Work Outdoors.

Size	Fits Men's Work Boots	Fits Women's Work Boots
Small	4 - 5½	6 - 7½
Medium	6 - 7½	8 - 9½
Large	8 - 9½	10 - 11½
X Large	10 - 12	12 - 14
2X Large	13 - 15	



Turns Everyday Shoes Into On-The-Job Safety Footwear



Tingley's steel toe overshoe protects the user's toes and shoes!

Companies Concerned With Foot Injury Hazards Have An Affordable Solution For Visitors Or Workers Who Require Steel Toe Protection

Tingley Rubber has produced the industry's first injection molded PVC steel toe overshoe. Made to fit snug over most shoe styles, our 100% waterproof seamless construction protects shoes from damage caused by site chemicals, contaminants, and wear.

- Molded in oversized toe cap accommodates most shoe styles and exceeds ASTM F2413-05 M I/75 C/75.
- Injection molded 100% waterproof protection.
- Easily slips on over the bulkiest work shoes. Pull on tab and heel kick for easy on and off.
- No hardware to conduct, tear, or snag, which helps prevent slips and falls.
- Injection molded for more material in high wear point areas and less material in the upper to reduce weight.
- Special Frigiflex® PVC compound provides long wear, and flexibility in cold temperatures.
- "ShoeLocks" molded into the vamp and above the heel counter help insure a proper fit for a variety of footwear styles.



Cleated Outsole:

Spits out debris providing excellent slip resistance. Wedge sole design is roomier to accommodate wider, thicker outsoles with either wedge or conventional heel construction.

STEEL TOE OVERSHOE		
■ 35211	Black Upper – Yellow Cleated Outsole – Steel Toe	XS – XL

SIZING

Overshoe Size	Athletic/Dress Shoe Size		Work/Hiking Shoe Size	
	Men's	Women's	Men's	Women's
X Small	4-5	5-6-7	4-5	5-6-7
Small	6-7-8	8-9-10	6-7	8-9
Medium	8-9-10	10-11	7-8-9	9-10-11
Large	10-11-12		9-10-11	
X Large	12-13-14		11-12-13	

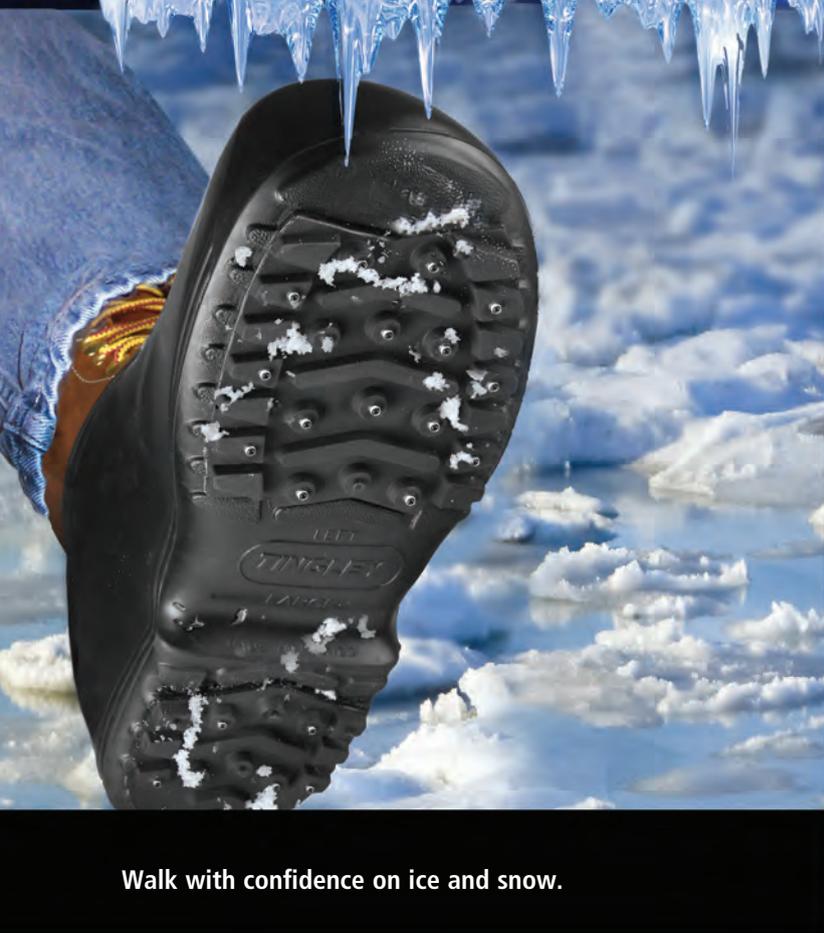
This overshoe product is designed to fit a variety of footwear styles. Shoe styles with thicker soles may require moving up one size for proper fit.

Ideal Applications: Shipping, Warehousing, Baggage Handling, Food Processing, Mining, Construction, General Industry, Transportation, Onsite Visitors, and Temporary Employees.

Chemical Resistance: Some exposure to fats, certain acids, hydrocarbons, and caustics.



Winter-Tuff® Ice Traction



Walk with confidence on ice and snow.

Winter-Tuff® Ice Traction Stretch Rubber Overshoes And Ice Traction Spikes Help Prevent Slips And Falls On Ice And Snow Packed Surfaces

If you walk or work on ice or snow, you want to be sure to avoid a slip and fall injury. The studded soles on our Winter-Tuff stretch rubber overshoes and ice spikes dig into slippery surfaces to help keep you safe.

Overshoes:

- Injection molded, seamless construction for 100% waterproof protection.
- Rust and corrosion resistant tungsten carbide studs provide excellent slip resistance on ice and snow pack.
- Unlike other traction overshoes, ours are lightweight and stay flexible in cold temperatures for all day comfort.
- Completely locks out bad weather for maximum protection up to the ankle (1350), and 10" height (1450).
- Sturdy molded in rubber button on 10" boot for secure closure.
- Excellent stretch and tear resistance for more durability, comfort, and easy on/off.
- Abrasion resistant sole for long wear.
- Tough and durable, yet affordable.

Ice Spikes:

- Rust and corrosion resistant carbon steel studs dig into slippery surfaces to help keep you safe.
- High stretch rubber stays strong and flexible in cold temperatures.
- Fits either foot and a variety of footwear styles for men & women.

Ideal Applications: Transportation, Utilities, DOT's, Municipalities and General Industry.



Cleated/Studded Outsole:

46 tungsten carbide-tipped studs to dig into slippery surfaces.



Carbon Steel Studs

grip ice and snow surfaces.

SIZING

Overshoe Size	Men's	1150 - Men's
Small	6½ - 8	
Medium	8 - 9½	3 - 5
Large	9½ - 11	5 - 8
X Large	11 - 12½	8 - 12
2X Large	12½ - 14	12 - 15
3X Large	14 - 15½	

ICE TRACTION

HI-TOP TRACTION OVERSHOE - COVERS WORK SHOE UP TO ANKLE

1350	Black - Cleated/Studded Outsole	S - 3XL
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10" TRACTION OVERSHOE

1450	Black - Cleated/Studded Outsole	S - 3XL
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ICE TRACTION SPIKES

1150	Ice Traction - Black - Studded Outsole	M - 2XL
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Warning: Not recommended for use indoors. Studs can scratch floor surfaces.



Winter-Tuff® 2 & 4 Buckle Ice Traction Overshoes



When Winter Hits Hard, Hit Back With Winter-Tuff® Ice Traction Overshoes

Overshoes are made from natural rubber to be both 100% waterproof and durable. Large gusset opening, wide width, and a high toe box give ample room for oversized work boots. Twenty-eight permanent tungsten carbide studs grab the ice and snow for sure-footed winter traction.

- Choose 2 Buckle (5" Ht) or 4 Buckle (12" Ht) for the coverage you need.
- Durable, seamless construction is 100% liquidproof and resists snags and tears.
- Set-in heel securely positions your feet when climbing and descending ladder rungs.
- Heavy-duty, permanent, tungsten carbide studs won't break, rust or corrode. Unique Stud-Lock™ construction keeps studs in place.
- Heel kick for hands free removal.
- Non-corrosive, metal buckles are quick release and have five position adjustability for secure fit.
- Reflective accents provide enhanced visibility in low light conditions.

Durable, waterproof protection with heavy-duty ice cleats for sure-footed traction on ice and snow.



2 Buckle



Cleated/Studded Outsole:

Winter-Tuff 2 & 4 buckle overshoes have 28 tungsten carbide ice cleats per pair for sure-footed traction on ice and snow.

Ideal Applications: Railroads, Utilities, DOTs, Municipalities, Construction, and General Industry.

Chemical Resistance: Acids, caustics, alcohols, and most dilute solutions of water-soluble chemicals.

Warning: Not recommended for use indoors. Studs can scratch floor surfaces.



4 Buckle

WINTER-TUFF BUCKLE ICE TRACTION OVERSHOES

4250	5" Ht. - 2 Buckle - Ice Traction Overshoe	6 - 16
4450	12" Ht. - 4 Buckle - Ice Traction Overshoe	6 - 16

Winter-Tuff®

ORION® XT



Winter-Tuff® Orion® XT Ice Traction Overshoes Prevent Slips And Falls On Ice And Snow Packed Surfaces

Avoid slip and fall injuries on ice and snow with the easy to wear Orion XT overshoes. The wide-opening gusset and multiple adjustment points let the Orion XT slip over your work boots while the tungsten carbide studded outsole makes sure you maintain your grip on icy and snowy surfaces.

- Waterproof, durable, polyurethane on 840 denier nylon upper is molded directly to a PU/TPU bottom.
- Extra wide gusset for easy donning and doffing.
- Roomy interior designed to fit oversized work boots.
- Hook & loop front closure provides adjustable fit.
- Adjustable instep strap with quick-release buckle for ease of use while wearing gloves.
- Heavy-duty tungsten carbide studs won't break, rust, or corrode.
- Polypropylene foam liner provides cushioning and insulation.
- Lightweight, anti-fatigue design provides all day comfort.
- Heel counter stabilizer prevents side-to-side rolling.
- Style 7550 provides 14" height, while 7550G adds a 6" roll-a-way gaiter to extend coverage to 20" for deep snow.
- Reflective accents on all sides offer enhanced visibility in low light conditions.

Whether at work or play, Winter-Tuff Orion XT overshoes provide sure footed, ice-gripping traction that won't let you down!

WINTER-TUFF ORION XT OVERSHOES

7550	Black - Cleated/Studded Outsole Reflective Accents	S - 2XL
7550G	Black - Cleated/Studded Outsole Reflective Accents with 6" Roll-A-Way Gaiter	S - 2XL

Warning: Not recommended for use indoors. Studs can scratch floor surfaces.

Overshoe Size	Men's
Small	4 - 5½
Medium	6 - 7½
Large	8 - 9½
X Large	10 - 12
2X Large	13 - 15



Cleated/Studded Outsole:

Winter-Tuff Orion XT Overshoes have 28 tungsten carbide studs per pair for sure-footed traction on ice and snow.

Ideal Applications:

Transportation, Utilities, Municipalities, Parcel Delivery, Work Outdoor, Public Works, and Winter Recreation.

7550G:

6" roll-a-way gaiter to extend coverage to 20"



Over-the-Sock Footwear Guide...

Before choosing a material where contact with chemicals may occur, the user should consult a Chemical Compatibility Guide as well as perform their own testing under the supervision of a Qualified Safety Professional (QSP). If aggressive chemicals are present, special care must be exercised in maintaining the footwear. Such care should include daily cleaning and thorough inspection prior to each use for signs of damage, including but not limited to, discoloration, swelling or cracking. Depending on the toxicity level of the chemical, products should be discarded if contact with the chemical has occurred.

Material Selection: Our goal is to present our customers with choices so they can select the best boot with the features and value they are seeking. With this in mind, we offer several options in terms of material construction, features, level of performance, and price points. Below is an overview of the different materials we offer along with the performance and value they provide.

POLYVINYL CHLORIDE (PVC): This synthetic thermoplastic polymer has been used to make waterproof footwear for over half a century. It provides good protection against animal fats, oils, many acids, alkalis, alcohols, and petroleum hydrocarbons but is not recommended for use with ketones, aldehydes, and several solvents. The most common cause of failure in PVC boots is the extraction of plasticizers due to exposure to fats, oils, and many chemicals. Once the plasticizers have been extracted, the PVC becomes stiff and brittle and is prone to cracking. Formulations with high molecular weight PVC resins, specialty additives, and/or plasticizers slows down the extraction process producing boots that will generally last longer.

Tingley offers four performance levels (Good, Better, Best, and Specialized) within our PVC boot line. Each brand in the PVC line is optimized for different environmental conditions through the use of specific PVC formulations, different blends for the uppers and outsoles, and specific outsole tread patterns. This attention to detail produces boots with enhanced comfort, longer wear, and better slip resistance.

Good – Pilot™ General Purpose: Made from basic PVC resins, these boots are a good choice for less demanding general purpose, construction, lawn and garden, or foul weather applications. The formula will not provide the same resistance to most chemicals that our other PVC formulations provide. Available in Styles 31151 and 31251.



Better – Profile™: Made using a blend of high quality PVC resins and Frigiflex® specialty plasticizers so boots stay flexible in cold weather. The Profile formula offers a good balance of performance and price for many applications where some exposure to fats, certain acids and alkalis, hydrocarbons, and other chemicals occurs. Available in Styles 51154 and 51254.



Best – Premier G2™: Features a unique blend of high molecular weight PVC resins, specialty additives, and plasticizers that enhance the boot's chemical resistance. The Premier G2 formula will withstand greater exposure to animal fats, oils, many acids, alkalis, alcohols, and petroleum hydrocarbons than our Profile™ or Pilot™ General Purpose formulations. Available in Styles 93155 and 93255.



Specialized – HazProof® NFPA 1991 Certified Boots: Utilizes a very special formula for outstanding chemical permeation resistance for the rigorous demands of HazMat response, CBRN events, and hazardous waste cleanup. Available in Style 82330.

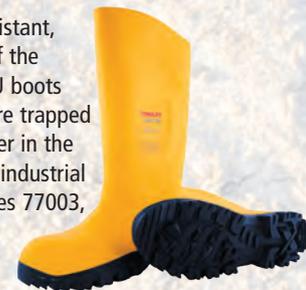
AEREX 1.5.5™: This proprietary, chemical-resistant, thermally-insulative, microcellular polymer is used to make the Flite™ knee boots. Tiny air bubbles trapped within the material keep feet warm in the cold and cooler in the heat. Resistant to a wide range of chemicals, including fats, acids and alkalis, petroleum hydrocarbons, industrial salts, and more. Available in Styles 26256 and 27251.



ETHYL VINYL ACETATE (EVA): An ultra lightweight material that is up to 70% lighter than other waterproof rubber and PVC boots. Tiny air bubbles trapped in the walls of the material are self-insulating to help keep feet warmer in the cold and cooler in the heat. Resistant to fats, certain acids and alkalis, and other chemicals. Available in Style 21144.



POLYURETHANE (PU): Lightweight, abrasion-resistant, and outstanding mechanical properties are just a few of the great characteristics this material brings to footwear. PU boots are also self-insulating given the tiny air bubbles that are trapped in the walls of the material, which help keep feet warmer in the cold and cooler in the heat. Resistant to oils, fats, fuels, industrial salts, manure, dilute acids and alkalis. Available in Styles 77003, 77152, 77253, and 77258.



NEOPRENE: A hand-layered, synthetic rubber construction that is resistant to a broad range of animal fats and blood, oils, certain acids and alkalis, alcohols, petroleum hydrocarbons, and certain solvents. Available in Styles MB920B, MB921B, MB922B, MB924B, and MB926B.



...Over-The-Sock Footwear Guide

OUTSOLE TREAD PATTERNS



Cleated is a good choice for general purpose and outdoor use. The large openings between the cleats help dig through mud and they spit out debris for self-cleaning action with every step. The cleated outsole has less ground-contacting surfaces than other patterns, which may reduce slip resistance in indoor applications. Available on Styles 21144, 31151, 31251, 51154, 51254, 77152, 77253, and 77258.



Chevron has a history of use in food processing applications. It has more edges than Cleated for enhanced slip resistance and is ideal for indoor applications where there is a limited amount of debris. Available on Styles MB920B, MB921B, MB922B, and MB926B.



Chevron-Plus® takes the traditional Chevron to a higher level of performance with improved slip resistance by maximizing the number of edges and ground contacting surfaces. More cleat material than either Cleated or Chevron for longer boot life. Excellent on wet-contaminated and wet-clean surfaces. Available on Styles 26256, 93155, and 93255.



Safety-Loc is designed for use in environments with slippery, wet-clean surfaces. This pattern maximizes the number of edges and surface area for outstanding slip resistance. It is not recommended for use on debris-laden surfaces as the myriad of small spaces between the cleats will clog causing a loss in slip resistance. Available on Style MB924B.



Sure Grip has excellent abrasion and slip resistance. Open cleats help spit out debris. Available on Styles MB816B, 77003, and 82330.

INJECTION MOLDED KNEE BOOT FEATURES

1. Seamless construction provides 100% waterproof protection.
2. Pre-marked cut lines allow customized height adjustment.
3. Less material injected in upper for lighter weight and more flexibility and comfort.
4. Extra material in heel and toe for longer wear.
5. Heavy duty heel kick for easy off.
6. Beveled heel reduces back and leg strain.
7. Finger tabs provide better grip when pulling boot on.
8. ASTM compliance indicated on boot.
9. Flex lines in the vamp for more comfort when walking.
10. Men's sizing clearly marked along with women's size for added convenience.
11. Outsole tread patterns tailored for specific applications.
12. Reinforced molded shank provides arch support.



PREMIER G2™ The Standard for Performance and Comfort



The Premier G2™ Boot Sets The Standard For PVC Performance And Comfort

Our Premier G2 boot is tough, yet extremely comfortable. The Premier's unique blend of high molecular weight PVC resins and specialty additives offers superior chemical resistance to concentrates of fats, certain acids, hydrocarbons, alkalies, and other chemicals. That's why it is an excellent choice for food processing and petrochemical applications.

- Injection molded seamless construction provides 100% waterproof protection.
- Composite safety-toe meets ASTM F2413 M I/75 C/75 EH*, and does not transfer cold or set off metal detectors.
- Calf Relief Expansion (CRE)™ expands up to 1.5 inches for more calf comfort.
- Soft and flexible upper for all day working comfort.
- Chevron-Plus® outsole provides excellent slip resistance on wet-contaminated and wet-clean surfaces and has more cleat material for longer service life.
- Extra thick, removable contour cushion insoles absorb moisture and shock, and provide outstanding comfort.

Incredible comfort and chemical resistance for the toughest work environments.



Chevron-Plus Outsole:
For slip resistance on wet-contaminated and wet-clean surfaces.



Removable Insole:
Contour, cushioned insoles absorb moisture and shock to provide all day comfort.
Style: CI136
Sizes: S-XL

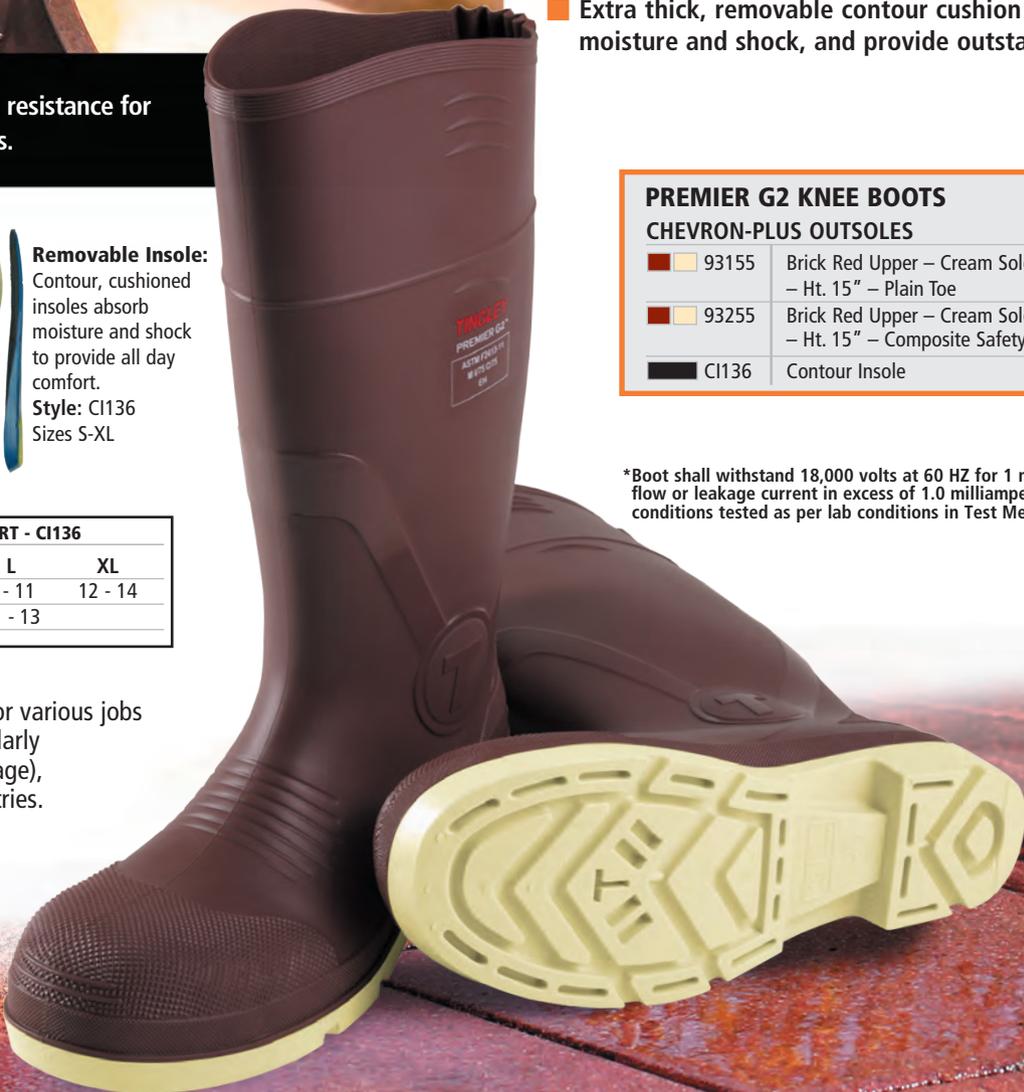
CONTOUR INSOLE SIZE CHART - CI136				
Sizes:	S	M	L	XL
Men's	3 - 5	6 - 8	9 - 11	12 - 14
Women's	5 - 7	8 - 10	11 - 13	

PREMIER G2 KNEE BOOTS CHEVRON-PLUS OUTSOLES		
■ 93155	Brick Red Upper – Cream Sole – Ht. 15" – Plain Toe	4 – 14
■ 93255	Brick Red Upper – Cream Sole – Ht. 15" – Composite Safety-Toe	3 – 14
■ CI136	Contour Insole	S – XL

*Boot shall withstand 18,000 volts at 60 HZ for 1 minute with no current flow or leakage current in excess of 1.0 milliamperes under dry conditions tested as per lab conditions in Test Method F2412.

Ideal Applications: Suited for various jobs within Food Processing (particularly Red Meat, Turkey, Dairy, Beverage), Chemical, and Petroleum Industries.

Chemical Resistance:
Fats, certain acids, alkalies, hydrocarbons, and other chemicals.



PROFILE™

Ideal Combination of Performance & Value



The Profile™ PVC Knee Boot Is Durable On The Outside And Comfortable On The Inside

Our Profile knee boot is formulated with high quality PVC resins and low temperature additives. The result is a boot that has good abrasion resistance and excellent flexibility in cold temperatures.

- Injection molded seamless construction provides 100% waterproof protection.
- Composite safety-toe meets ASTM F2413 M I/75 C/75 and does not transfer cold or set off metal detectors.
- Calf Relief Expansion (CRE)™ expands up to 1.5 inches for more calf comfort.
- Flexible upper material stays supple in cold temperatures to make walking easier.
- Outsole material is soft for excellent slip resistance and absorbs shock when walking.
- Cleated outsole spits out debris for excellent gripping action.
- Removable polyurethane, contour insole features three layers to wick perspiration, promote faster drying and absorb shock for all day comfort.

Profile boots offer a balance of performance and price to help you look - and feel - good from any angle.



Cleated Outsole:
Spits out debris for great traction.



Contour Insole:
Cushioned removable polyurethane insole absorbs shock for added comfort.
Style: CI124
Sizes S-XL

PROFILE KNEE BOOTS CLEATED OUTSOLE

51154	Brown Upper – Crepe Sole – Ht. 15" – Plain Toe	3 – 14
51254	Brown Upper – Crepe Sole – Ht. 15" – Composite Safety-Toe	3 – 14
CI124	Contour Insole	S – XL

CONTOUR INSOLE SIZE CHART - CI124

Sizes:	S	M	L	XL
Men's	5 - 7	7 - 9	9 - 11	11 - 13
Women's	7 - 9	9 - 11	11 - 13	

Ideal Applications: Farm and Barn, Agriculture and Industry, Municipalities, and many Food Processing applications.

Chemical Resistance:

Fats, certain acids, alkalis, hydrocarbons, and other chemicals.



PILOT™ Affordable, All Day Comfort



Pilot™ General Purpose Knee Boots Provide Comfort, Durability, And Waterproof Protection For A Wide Range Of Applications

When you are working in wet, muddy conditions, our General Purpose PVC knee boots provide easy walking and all day protection.

- Injection molded seamless construction provides 100% waterproof protection.
- Flexible upper material stays supple in cold temperatures to make walking easier.
- Tough outsole material for good abrasion resistance.
- Steel toe meets ASTM F2413 M I/75 C/75.
- Self-cleaning cleated outsole spits out debris as you walk.
- Removable EVA cushion insole, wicks perspiration to help keep feet dry and comfortable.

Even our General Purpose boots must meet Tingley's high standard for quality and performance.

PILOT™ GENERAL PURPOSE KNEE BOOTS CLEATED OUTSOLE

■ ■ 31151	Black Upper – Black Sole – Ht. 15" – Plain Toe	4 – 14
■ ■ 31251	Black Upper – Black Sole – Ht. 15" – Steel Toe	4 – 14



Cleated Outsole:
Spits out debris for great traction.

Ideal Applications: Construction, Agriculture, Industry, Foul Weather, and other general purpose applications.

Chemical Resistance:
Certain acids and alkalies, fats, oils, hydrocarbons and other chemicals.



Airgo™ Ultra Lightweight and Durable Waterproof Protection



Airgo™ Ultra Lightweight EVA Knee Boot Is Built For Comfort And Durability

Tiny, self-insulating air bubbles trapped inside the EVA will keep your feet warmer in the cold and cooler in the heat. Lightweight, yet durable, these boots are 100% waterproof and have cleated outsoles for traction and slip resistance in wet and muddy conditions.

- 70% Lighter than other waterproof rubber and PVC knee boots.
- Seamless construction for 100% waterproof protection.
- Flexible upper material stays supple in cold temperatures to make walking easier.
- Cleated outsole for good traction.
- Tiny air bubbles trapped within the material keep feet warmer in the cold and cooler in the heat.
- Removable polyurethane, contour insole completes the comfort experience.

70% lighter than waterproof PVC and rubber boots.



Cleated Outsole:
Spits out debris for great traction.

Ideal Applications: Agriculture, Lawn and Garden, Foul Weather, and other general purpose applications.

Chemical Resistance: Fats, certain acids, hydrocarbons, caustics, and other chemicals.



AIRGO ULTRA LIGHTWEIGHT EVA KNEE BOOT CLEATED OUTSOLE

■ ■ 21144	Brown Upper - Brown Sole - Ht. 15" - Plain Toe	6 - 13
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FLITE™ Waterproof, Lightweight, Comfortable and Safe



Flite™ Is A Revolution In Protective Footwear

Made from Aerex1.5.5™ – a proprietary, chemical-resistant, thermally-insulative, microcellular polymer, resulting in boots that are over 40% lighter compared to most steel toe PVC and rubber knee boots. Superior chemical resistance to fats, oils, hydrocarbons, certain acids, and caustics makes Flite an excellent choice for food processing and petrochemical applications.

- Composite safety toe meets ASTM F2413 M I/75 C/75 EH** and will not set off metal detectors.
- Durable, seamless upper is 100% liquid proof.
- Slip-Resistant, nitrile rubber outsole provides superior grip on dry, wet, and contaminated surfaces.
- Tiny air bubbles trapped within the material keep feet warmer in the cold and cooler in the heat.
- Aerex 1.5.5™ is anti-fatigue since every pound reduced in footwear weight is like 5 pounds off your back and 5% less energy expended*.
- Calf-Relief Topline (CRT)™ is not only stylish, it provides easier on and off and roomier calf space.
- Beveled heel for reduced back and leg strain.
- Tread wear indicators to show when half the tread has worn away.

Superior Comfort & Safety - Lightweight upper, cushioned heel, slip-resistant rubber outsole & ASTM composite toe



Cleated Outsole:
Spits out debris for grip on indoor and outdoor surfaces.



Chevron-Plus® Outsole:
Spits out debris for slip resistance on wet-contaminated surfaces.

Ideal Applications: Wide Variety of Food Processing (Dairy, Meats, Vegetables, and Refrigerated/Frozen Foods), Farm/Ag, Chemical, and Petrochemical.

Chemical Resistance: Fats, oils, ketones, alcohols, hydrocarbons, acids, caustics, and other chemicals.



FLITE™ SAFETY-TOE KNEE BOOTS

	26256	Blue Upper - Red Chevron-Plus Outsole - Ht. 15" - Composite Toe	4 - 15
	27251	Black Upper - Black Cleated Outsole - Ht. 15" - Composite Toe	4 - 15



Also available in Black Upper and Outsole.

*Jones BH, et. al. Ergonomics, Aug. 1984.

**Boot shall withstand 18,000 volts at 60 HZ for 1 minute with no current flow or leakage current in excess of 1.0 milliamperes under dry conditions tested as per lab conditions in Test Method F2412.

Electrical Hazard soles and heels are intended to reduce the hazards due to accidental contact with live electrical circuits, electrically energized conductors, parts, or apparatus. Electric Hazard soles and heels are not intended for wear in those work environments where volatile chemicals or explosives may be present, where conductive footwear is required.

Warning: Electric Hazard features of the soles and heels will deteriorate in wet environments and when worn with excessive wear on the soles and heels.



★ ★ ★ ★ ★
5 STAR
 TECHNOLOGY

- ★ Comfort
- ★ Quality
- ★ Design
- ★ Safety
- ★ Certified

Polyurethane Knee Boots Are The Ideal Combination Of Durability And Comfort

100% waterproof, high quality, chemical-resistant polyurethane gives these boots exceptional durability. They are up to 30% lighter than most PVC and rubber steel toe knee boots, yet will last up to three times longer. A full length sock liner, flexible upper and removable, contour insole deliver exceptional comfort. Cleated, multi-purpose outsole provides excellent slip resistance on both wet and dry surfaces.

- Seamless polyurethane construction is 100% liquid proof.
- Up to 30% lighter than most steel toe PVC and rubber knee boots.
- Meets ASTM F2413 M I/75 C/75 (Style 77253 is also EH*).
- Exceptional resistance to fats and oils.
- Abrasion-resistant for long life.
- Tiny air bubbles trapped within the material keep feet warmer in the cold and cooler in the heat.
- Fully lined interior and a removable, contour PU insole for superior comfort.
- 15" knee boot with 12" cutline for customizable boot height.

Ideal Applications: Food Processing, Dairy, Meats (Beef, Chicken, and Pork), Farm/Ag, and Petrochemical (Exploration and Drilling).

Chemical Resistance: Exceptional resistance to fats and oils, fuels, bleach, industrial salts, manure, mild acids and alkalies.



Cleated Outsole:
 Self-cleaning, cleated outsole for superior slip-resistance on wet-clean and wet-contaminated surfaces.



TINGLEY STEPLITE X POLYURETHANE BOOTS CLEATED OUTSOLES

■ ■ ■	77152	Green Upper - Beige Outsole - Ht. 15" - Plain Toe - EH	4 - 14
■ ■ ■	77253	Yellow Upper - Navy Outsole - Ht. 15" - Steel Toe - EH	4 - 14
■ ■ ■	77258	White Upper - Blue Outsole - Ht. 15" - Steel Toe	4 - 14

*Boot shall withstand 18,000 volts at 60 HZ for 1 minute with no current flow or leakage current in excess of 1.0 milliamperes under dry conditions tested as per lab conditions in Test Method F 2412.

Electrical Hazard soles and heels are intended to reduce the hazards due to accidental contact with live electrical circuits, electrically energized conductors, parts or apparatus. Electric Hazard soles and heels are not intended for wear in those work environments where volatile chemicals or explosives may be present, where conductive footwear is required.

Warning: Electric Hazard features of the soles and heels will deteriorate in wet environments and when worn with excessive wear on the soles and heels.

TRIUMPH™

Durable & Lightweight Comfort



Extremely durable and comfortable to conquer tough conditions.

Long Lasting Polyurethane Knee Boots At A Great Value

100% liquidproof and made from high quality, long-lasting polyurethane, these boots are built for durability, while the full length sock liner, flexible upper and removable, contoured insole deliver exceptional comfort. Lightweight, anti-fatigue and self-insulating to provide comfort all day long.

- Meets ASTM F2413 M I/75 C/75 for safety toe footwear.
- Seamless polyurethane construction is 100% liquid proof.
- Up to 30% lighter than most steel toe PVC and rubber knee boots.
- Tiny air bubbles trapped within the material keep feet warmer in the cold and cooler in the heat.
- Oil and abrasion resistant for long life.
- Fully lined interior feels comfortable on the calf and combines with the removable insole for ideal sweat management.
- 15" knee boot with 12" cutline for customizable boot height.
- Self-cleaning, slip-resistant, Sure Grip outsole design provides traction on a variety of surfaces.

- Smooth exterior easily sheds fats, liquids and oils and is easy to decontaminate.



Sure Grip Outsole:
Self-cleaning, cleated outsole provides excellent slip resistance on wet-clean and wet-contaminated surfaces.

Ideal Applications: Food Processing, Dairy, Meats (Beef, Poultry, and Pork), Fruits & Vegetables, Beverages, Brewing, and Wineries.

Chemical Resistance: Exceptional resistance to fats and oils, alcohols, and dilute bleach solutions.



TRIUMPH POLYURETHANE KNEE BOOTS SURE GRIP CLEATED OUTSOLE

77003	Yellow Upper - Navy Sole - Ht. 15" - 4 - 14 Steel Toe
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PYLON™ Flexible, Durable, Comfortable



In challenging work conditions neoprene gives you more protection than rubber boots.

Pylon™ Snugleg Boots Are Designed For Tough Industrial Environments

Our Pylon Snugleg Boots are made with a multi-ply manufacturing method. Every boot is dipped with a neoprene coating and sealant, so the foot is surrounded by a layer of 100% waterproof and chemical resistant neoprene for optimum protection and extraordinary comfort.

- Neoprene rubber will outwear standard rubber boots in solvents, caustics, hydrocarbons, oils, fats, and acids.
- Hand-layered construction allows for a soft flexible upper and more material in the toe and heel contact points, for optimum comfort and protection.
- Safety-toe styles meet ASTM F2413 M I/75 C/75 EH, for steel toe caps and Electrical Hazard Protection.*
- Snugleg last design hugs the foot for all day working comfort.
- Removable polyurethane contour cushion insoles for maximum comfort.
- Dense fabric liner for easy on and off. Also wicks moisture and condensation.
- Chevron or Safety-Loc outsoles offer abrasion resistance and provide excellent slip resistance on wet-contaminated or wet-clean surfaces, respectively.
- Steel shank for added arch support.



Chevron Outsole:

Spits out debris for slip resistance on wet-contaminated surfaces.



Safety-Loc Outsole:

For slip resistance on wet-clean surfaces.

Ideal Applications: Food Processing, (particularly Red Meat), Chemical and Petrochemical (Exploration, Production and Refineries).

Chemical Resistance: Animal fats and blood, oils, certain acids, alkalies, alcohols and more.

PYLON SNUGLEG BOOTS

CHEVRON OUTSOLE

■	MB920B	Brick Red Upper – Brown Sole – Ht. 12½" – Plain Toe	5 – 13
■	MB921B	Brick Red Upper – Brown Sole – Ht. 16" – Steel Toe	6 – 15
■	MB922B	Brick Red Upper – Brown Sole – Ht. 12½" – Steel Toe	5 – 15
■	MB926B	Brick Red Upper – Brown Sole – Ht. 16" – Plain Toe	6 – 13

SAFETY-LOC OUTSOLE

■	MB924B	Brick Red Upper – Brown Sole – Ht. 12½" – Steel Toe	6 – 15
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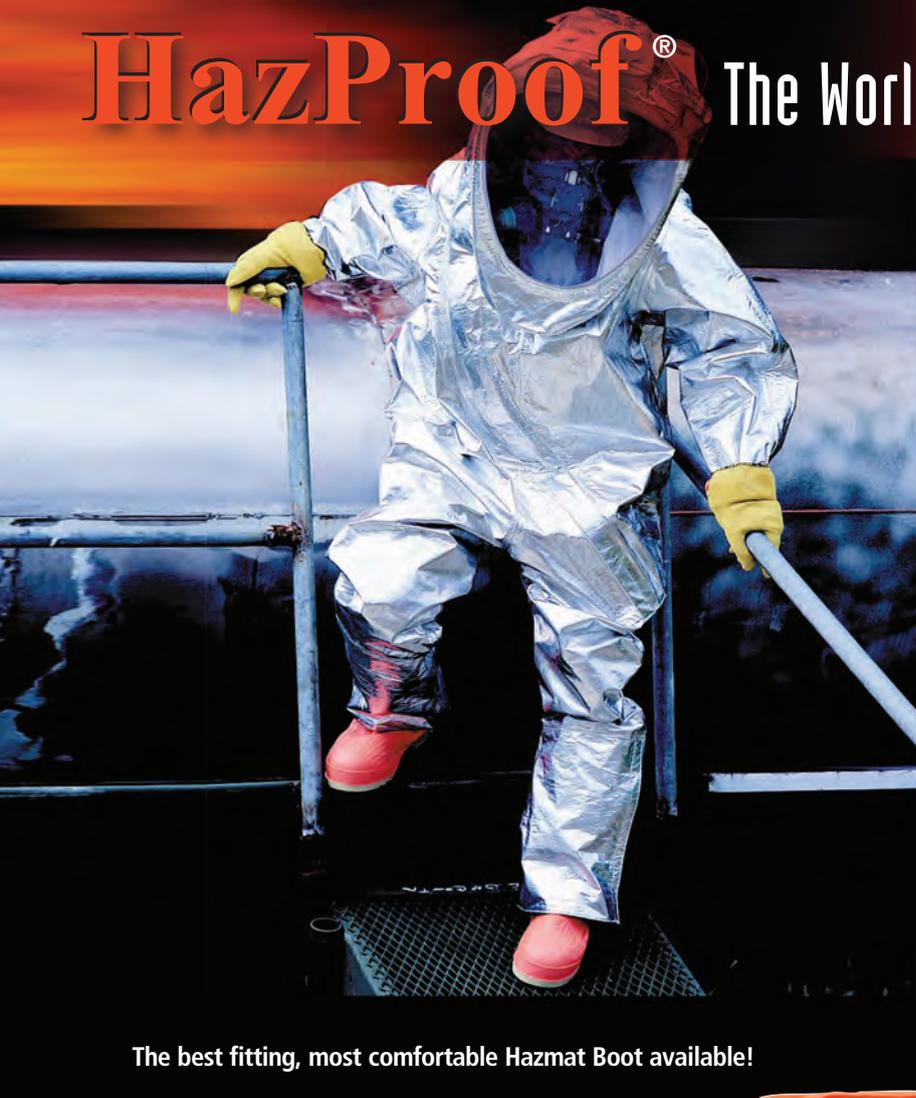
*Boot shall withstand 18,000 volts at 60 HZ for 1 minute with no current flow or leakage current in excess of 1.0 milliamperes under dry conditions tested as per lab conditions in Test Method F2412.

Electrical Hazard soles and heels are intended to reduce the hazards due to accidental contact with live electrical circuits, electrically energized conductors, parts or apparatus. Electric Hazard soles and heels are not intended for wear in those work environments where volatile chemicals or explosives may be present, where conductive footwear is required.

Warning: Electric Hazard features of the soles and heels will deteriorate in wet environments and when worn with excessive wear on the soles and heels.



HazProof® The World's Most Advanced Hazmat Boot



The best fitting, most comfortable Hazmat Boot available!

HazProof® Certified To NFPA 1991-2016 For Chemical And Hazmat Cleanup, Emergency Response, And Domestic Preparedness

Made of special polymers, this comfortable boot meets the protective footwear chemical permeation requirements of NFPA 1991 Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies. The HazProof boot has also been tested to Military Standard 282 and will provide protection against certain chemical warfare blister and nerve agents.

- Injection molded seamless construction for 100% liquid proof protection.
- Larger foot area is engineered to accommodate the extra bulk of an encapsulated suit, for comfortable fit.
- Smooth exterior surface for easy decontamination.
- Stretch fastener closure system allows for easy on and off while wearing gloves.
- Meets ASTM F2413 M I/75 C/75 EH, for Steel Toe Impact and Compression, and Electrical Hazard Protection.**
- Steel midsole meets and exceeds ASTM F2413 PR.
- Steel shank provides firm arch support.

- Blown closed cell EVA midsole for all day cushion comfort.
- Sure grip cleated outsole has excellent abrasion and slip resistance.
- Bright orange color for high visibility.

Ideal Applications: Chemical and Hazmat Cleanup, and Ammonia Refrigeration Leaks.

Chemical Resistance: Hazardous Wastes, Acids, Alkalies, and many other chemicals.



Sure Grip Outsole:
Excellent abrasion and slip resistance.

Our HazProof Boot has surpassed the following Test Methods:

- Permeation Resistance – ASTM F739 and ASTM F1001 – 21 Chemicals
- Permeation Resistance – MIL-STD-282
- Flame Resistant – ASTM F1358
- Puncture Propagation Upper – ASTM F1342
- Exceeds Protection Minimum Upper (Height)
- Electrical Hazard – ASTM F2413 EH
- Puncture Resistance Sole & Heel – ASTM F2413 PR
- Abrasion Resistance Sole & Heel – ASTM D1630
- Toe Impact Resistance – ASTM F2413 M I/75
- Toe Compression Resistance – ASTM F2413 M C/75
- Slip Resistance – ASTM F2913
- Cut Resistance Upper – ASTM F1790
- Ladder Shank Bending Resistance – NFPA 1991



HAZPROOF BOOT SURE GRIP OUTSOLE

82330	Orange Upper – Cream Outsole – Ht. 11" – Steel Toe	6 - 13*
RF823	Replacement Stretch Fasteners - 6 pc/box	

*Size 13 oversized foot bed design will accommodate foot sizes up to 16.

**Boot shall withstand 18,000 volts at 60 HZ for 1 minute with no current flow or leakage current in excess of 1.0 milliamperes under dry conditions tested as per lab conditions in Test Method F2412.

Electrical Hazard soles and heels are intended to reduce the hazards due to accidental contact with live electrical circuits, electrically energized conductors, parts, or apparatus. Electric Hazard soles and heels are not intended for wear in those work environments where volatile chemicals or explosives may be present, where conductive footwear is required.

Warning: Electric Hazard features of the soles and heels, will deteriorate in wet environments and when worn with excessive wear on the soles and heels.



Aggressive protection in a comfortable boot.



Sure Grip Outsole:
Excellent abrasion and slip resistance.



Rear Gusset with Quick Release Buckles:
Adjustable, better fit for larger calves, easy on/off, no laces to contaminate.

Ideal Applications: Mining, Quarrying, Gravel Pits, Hydroblasting, Manufacturing, and Construction.

Chemical Resistance: Acids, alkalis, alcohols, and dilute solutions of most chemicals that are water soluble. Not recommended for constant contact with petroleum and oil based products.



Sigma™ Boots Combine A Floating Metatarsal Guard, Steel Toe, Steel Puncture Plate, Steel Shank, And Padded Ankle Support To Produce The Industry's Most Advanced Rubber Safety Boot

This 16" height, waterproof, rubber metatarsal boot is flexible and comfortable in the toughest work environments. Sigma boots are often worn on uneven terrain, which can lead to ankle injuries as well as wrist injuries from falls. Our internal support system in the heel and ankle helps mitigate the occurrence of these injuries.

- Meets ASTM F2413 M I/75 C/75 Mt75 PR EH for Steel Toe Impact and Compression, Metatarsal Impact, Puncture Resistance, and Electrical Hazard Protection.*
- Abrasion resistant rubber in key exposure areas for improved performance and durability.
- Made of ozone resistant rubber to reduce premature cracking.
- Floating metatarsal guard provides flexible protection even when bending, kneeling, and crawling.
- Internal ankle support system to help reduce injuries.
- Snugleg last cradles the foot for all day working comfort.
- Contour polyurethane insole absorbs moisture and shock.
- Sure Grip cleated outsole has excellent abrasion and slip resistance.

SIGMA RUBBER BOOT SURE GRIP OUTSOLE

■ MB816B	Black Upper - Black Outsole - Ht. 16" - Steel Toe - Metatarsal - Puncture Resistant - Steel Midsole	6 - 15
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*Boot shall withstand 18,000 volts at 60 HZ for 1 minute with no current flow or leakage current in excess of 1.0 milliamperes under dry conditions tested as per lab conditions in Test Method F2412.

Electrical Hazard soles and heels are intended to reduce the hazards due to accidental contact with live electrical circuits, electrically energized conductors, parts, or apparatus. Electric Hazard soles and heels are not intended for wear in those work environments where volatile chemicals or explosives may be present, where conductive footwear is required.

Warning: Electric Hazard features of the soles and heels will deteriorate in wet environments and when worn with excessive wear on the soles and heels.

Protective Clothing Guide...

Coating and Substrate Selection:

Before choosing a material where contact with a given chemical may occur, the user should perform their own tests. If highly toxic chemicals are present, special care must be taken into consideration when choosing the correct protective product. This care should include daily inspections to ensure that normal wear and tear have not reduced the integrity of the product. Depending on the toxicity level of the chemical, products should be disposed of if intimate contact with the chemical has occurred.

Coatings:

Neoprene – A synthetic rubber, legendary for its toughness and durability. It is resistant to a broad range of animal fats and blood, oils, certain acids, alcohols, alkalies, caustics, and certain solvents.

Polyurethane – A lightweight synthetic polymer that possesses excellent durability and abrasion characteristics. Polyurethane provides excellent protection against animal fats and oils, is good in most hydrocarbon oils, organic acids, salts, alkalies, and in some inorganic acids.

PVC (Polyvinyl Chloride) – A synthetic thermoplastic polymer with a wide range of applications. PVC provides good protection against many acids, alcohols, alkalies, bases, oils, and petroleum hydrocarbons.

Specialty PVC – Comprised of unique blends of high molecular weight PVC resins and specialty plasticizers. These additives significantly improve the coating's resistance to a variety of elements, enhancing their performance over regular PVC coatings in similar environments. Our specialty PVC formulas show better resistance to many fats, acids, hydrocarbons, caustics, and other chemicals.

Substrates:

Nylon – Woven Nylon is popular for its lightweight, comfortable feel, along with its superior strength, toughness, and drying characteristics.

Polyester – Polyester is known for its strength and mildew resistance along with its quick drying properties.

Knit Polyester – Provides strength and stretch for added comfort.

Woven Polyester – Popular for its lightweight, comfortable feel, along with its strength, toughness, drying characteristics and superior ability to hold dye colors.

Non-Woven Polyester – High-loft substrates are utilized for their soft comfort and wicking properties. Non-wovens are generally not recommended in chemical applications where contaminants can wick and absorb into the fabric.

Nomex® – An aramid fiber which provides outstanding heat and flame resistance while possessing excellent thermal stability. This non-woven substrate maximizes protection and comfort.

Modacrylic/Cotton Blend – Provides breathable stretch, durability and protection. Cotton offers supreme comfort and softness and combines with the inherently flame resistant modacrylic fibers for lightweight, comfortable arc flash protection.

Garment Construction:

Sleeve Designs:

90° Sleeve to Body Angle – Either a Raglan or a Batwing sleeve cut, this sleeve forms a 90° angle with the body of the jacket reducing the material used in the sleeve area and offering comparable freedom of movement.

Set-In – A sleeve joined to the body of a garment by a seam starting at the edge of the shoulder and continuing around the armhole. We have modified the traditional set-in sleeve for use in job applications that require work overhead. This shoulder design allows for 180° freedom of movement.

Hardware:

Plastic Snaps – Used on most of our flame resistant garments. All snaps are high resin plastic and are non-conductive and non-corrosive.

Non-Corrosive Metal Snaps – Used mainly on our non-flame resistant garments and are guaranteed not to corrode. Metal snaps are less likely to crack or break which may render perfectly good suits useless. These snaps stand up to heavy abuse and are great in food processing where metal detection systems are used.

Waterproofing Methods:

Stitched and Taped – This method provides 100% waterproof protection and is acceptable for occasional chemical splash protection. It is generally not recommended for constant exposure to toxic chemicals because of the potential penetration of the needle holes and the absorption of the chemical by thread.

Therm-O-Rad Sealed – This process achieves a 100% liquid proof seam. The Therm-O-Rad seam provides excellent chemical protection because there are no needle holes that chemicals may penetrate or threads that may absorb.

Standards Testing:

Many of our protective clothing products are utilized in harsh environments and are required to pass industry standards and test methods. Where referenced, Tingley products meet or exceed the minimum requirements.

ASTM D6413 for Flame Resistance of Textiles – A vertical flame test exposes a material to a 12 second, calibrated, open flame. After the flame source is removed, the material must self-extinguish. There are no specific time requirements for this flameout to occur, however, Tingley adheres to the flame resistant criteria defined in ASTM F1891 which is a flameout and afterglow less than or equal to 2 seconds and a char length less than 6 inches.

ASTM F1506 for Arc and Flame Resistant Clothing – This standard was developed to give minimum performance specifications for protective clothing worn by electrical workers who are exposed to momentary electric arc and related thermal hazards.

ASTM F1891 for Arc and Flame Resistant Rainwear – This standard specification defines test methods and sets minimum requirements for material performance, in electrical arc environments. This standard is primarily utilized in the electric utility industry.

ANSI/ISEA 107 for High Visibility Safety Apparel – This standard specifies requirements for apparel, capable of signaling the user's presence visually and intended to provide conspicuity of the user in hazardous situations under any light conditions by day and under illumination by vehicle headlights at night. Performance requirements are included for color, retroreflection, and minimum areas, as well as the recommended configuration of the materials. Test methods are provided to help ensure that a minimum level of visibility is maintained when garments are subjected to ongoing care procedures.

ASTM F2733 for Flame Resistant Rainwear and Protection against Flame Hazards (Flash Fires) – This standard specification defines test methods, setting minimum physical and thermal performance criteria for rainwear to be used by workers who are potentially exposed to industrial hydrocarbon fires or other petrochemical fire hazards. Total Body Burn must be less than 40% to pass. This standard is primarily used for workers in the Oil and Gas, Petrochemical and Gas Utility industries.

NFPA 70E Handbook for Electrical Safety in the Workplace – This standard addresses employee workplace electrical safety requirements and focuses on practical safeguards that also allow workers to be productive within their job functions.

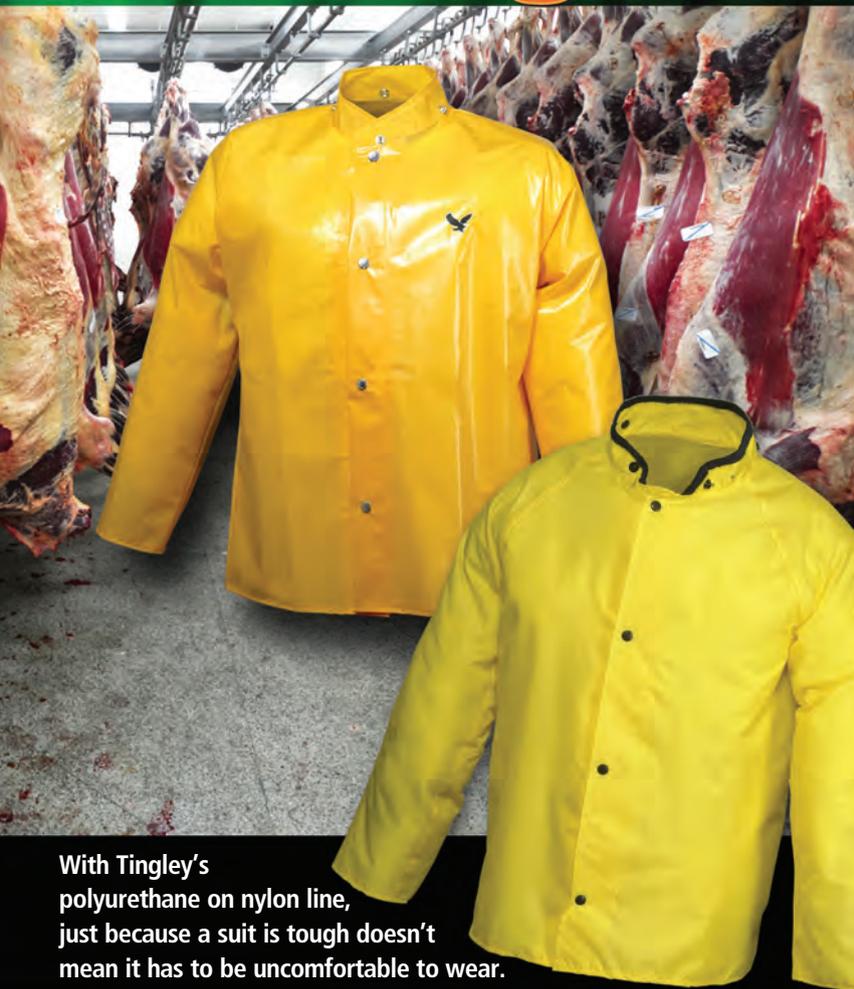
ASTM E96 for Breathability - These test methods are intended to obtain reliable values of water vapor transfer through permeable and semipermeable materials.

Sizing:

All garments are generously cut to provide maximum freedom of movement. All Tingley garments feature graduated lengths. The additional length added to each garment helps reduce the need for custom sizing for taller individuals. Not only do our garments provide a better, more comfortable fit, they reduce the number of sizes required to fit a work force. For the dimensions and sizing recommendations, please refer to our sizing chart.

SIZING								
JACKETS								
Sizes	S	M	L	XL	2XL	3XL	4XL	5XL
Chest Size	36-38	40-42	44-46	48-50	52-54	56-58	60-62	64-66
Garment Chest Measurement	46	50	54	58	62	66	70	74
Jacket Length	29	30	31	31	32	32	32	33
Sleeve Length	33	34	34½	35	35½	36	36	38
OVERALLS OR PANTS								
Sizes	S	M	L	XL	2XL	3XL	4XL	5XL
Waist	32-34	36-38	40-42	44-46	48-50	52-54	56-58	60-62
Garment Inseam	28	29	30	31	32	32	32	33
COATS								
Size	S	M	L	XL	2XL	3XL	4XL	
Chest Size	36-38	40-42	44-46	48-50	52-54	56-58	60-62	
Garment Chest Measurement	46	50	54	58	62	66	70	
Coat Length	48	48	48	48	48	48	48	
Sleeve Length	33	34	34½	35	35½	36	36	

	Coatings	Substrates	Sleeve Design	Hardware	Waterproofing Methods	Standards and Testing
Iron Eagle	Polyurethane	Nylon	90° Sleeve-to-Body Angle	Metal Snaps	Therm-O-Rad Sealed	N/A
Eagle	Polyurethane	Nylon	90° Sleeve-to-Body Angle	Plastic Snaps	Stitched and Taped	ASTM E96
Magnaprene	Neoprene	Nylon	90° Sleeve-to-Body Angle	Metal Snaps	Stitched and Taped	ASTM D6413
Webdri	Specialty PVC	Non-Woven Polyester	90° Sleeve-to-Body Angle	Metal Snaps	Therm-O-Rad Sealed	N/A
American	PVC	Non-Woven Polyester	90° Sleeve-to-Body Angle	Metal Snaps	Therm-O-Rad Sealed	N/A
DuraScrim	PVC	Woven Polyester	90° Sleeve-to-Body Angle	Plastic Snaps	Therm-O-Rad Sealed	ASTM D6413
DuraBlast	PVC	Woven Polyester	90° Sleeve-to-Body Angle	Plastic Snaps	Therm-O-Rad Sealed	ASTM D6413
Safetyflex	Specialty PVC	Knit Polyester	90° Sleeve-to-Body Angle	Plastic Snaps	Therm-O-Rad Sealed	ASTM D6413
Blue Eclipse	Specialty PVC	Nomex	90° Sleeve-to-Body Angle	Plastic Snaps	Therm-O-Rad Sealed	ASTM F1891, ASTM F2733, NFPA 70E
Icon	Polyurethane	Woven Polyester	Set-In	Metal Snaps	Stitched and Taped	ANSI 107, ASTM E96
Icon LTE	Polyurethane	Woven Polyester	Set-In	Metal Snaps	Stitched and Taped	ANSI 107, ASTM E96
Phase 2	N/A	Woven Polyester	Set-In	N/A	N/A	ANSI 107
Phase 3	Polyurethane	Woven Polyester	Set-In	N/A	N/A	ANSI 107, ASTM E96
Vision	Polyurethane	Woven Polyester	Set-In	Plastic Snaps	Stitched and Taped	ANSI 107, ASTM E96
Bomber	Polyurethane	Woven Polyester	Set-In	N/A	Stitched and Taped	ANSI 107
Bomber II	Polyurethane	Woven Polyester	Set-In	N/A	Stitched and Taped	ANSI 107
Bomber 3.1	Polyurethane	Woven Polyester	Set-In	N/A	Stitched and Taped	ANSI 107
Job Sight	N/A	Woven Polyester	Set-In	N/A	N/A	ANSI 107
Eclipse	Specialty PVC	Nomex	Set-In	Plastic Snaps	Therm-O-Rad Sealed	ANSI 107, ASTM F1891, ASTM F2733, NFPA 70E
Comfort-Brite	PVC	Knit Polyester	90° Sleeve-to-Body Angle	Plastic Snaps	Therm-O-Rad Sealed	ANSI 107, ASTM D6413
Job Sight FR	N/A	Modacrylic / Cotton	Set-In	N/A	N/A	ANSI 107, ASTM F1506, NFPA 70E
General Purpose	Various	Various	Various	Various	Therm-O-Rad Sealed	N/A



With Tingley's polyurethane on nylon line, just because a suit is tough doesn't mean it has to be uncomfortable to wear.



Iron Eagle



Eagle

Breathable

FEATURES & BENEFITS

	IRON EAGLE	EAGLE
Full cut shoulder with 90° sleeve to body angle for maximum freedom of movement	X	X
Therm-O-Rad sealed seams for 100% waterproof protection	X	
Stitched and taped seams for 100% waterproof protection		X
Storm fly front seals out wind, rain, and contaminants	X	X
Premium snap-lock suspender buckles	X	X
Heavy duty suspenders w/crossover	X	
Heavy duty snaps for maximum performance	X	
Non-conductive, non-corrosive snaps and buckles		X
Mildew resistant	X	X

Chemical Resistance: Good in most hydrocarbon oils, organic acids, salts, alkalies, and in some organic solvents. Not recommended in ketones, alcohols, and certain solvents.

The Iron Eagle® Exterior Coated Polyurethane On Nylon Suit Is Lightweight And Durable

Extremely comfortable and flexible, the Iron Eagle also has the durability to resist fats, oils, pine tars, gasoline, grease, and a variety of other chemicals. It is ideal for the toughest work conditions.

- 2 mil exterior coating offers unbelievable snag and abrasion resistance.
- Sleek coating is easy to decontaminate and provides great liquid shedding characteristics.
- Therm-O-Rad sealed seams are stronger than the material itself and can withstand extensive laundering.

Ideal Applications: Food Processing, Sanitation, Meat Packing, Forestry, and Petrochemical.

Breathable Eagle™ Polyurethane On Nylon Suit For All Day Comfort And Wear

The most lightweight and comfortable suit we make, the Eagle Suit is made of 200 denier nylon and coated on the inside with polyurethane.

- Breathable. Test method ASTM E96.
- Interior polyurethane coating and exterior DWR (Durable Water Repellency) coating for 100% waterproof protection.
- Generously cut to fit over the heaviest of work clothes.

Ideal Applications: Food Processing, Sanitation, Forestry, Sewer and Waterworks, and Agriculture.

IRON EAGLE – 5.5 Oz. Mat'l Wt. – 10 Mil Thick JACKETS

J22201	Blue – Storm Fly Front – Hood Snaps	S – 4XL
J22161	Blue – Storm Fly Front – Attached Hood	S – 5XL
J22207	Gold – Storm Fly Front – Hood Snaps	S – 4XL
J22107	Gold – Storm Fly Front – Attached Hood	S – 6XL
J22208	Green – Storm Fly Front – Hood Snaps	S – 4XL
J22168	Green – Storm Fly Front – Attached Hood	S – 5XL

OVERALLS

O22001	Blue – Plain Front – Snap-Lock Buckles	S – 4XL
O22007	Gold – Plain Front – Snap-Lock Buckles	S – 6XL
O22008	Green – Plain Front – Snap-Lock Buckles	S – 5XL

PROTECTIVE SLEEVES

S22167	Gold	Universal
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HOODS

H22141	Blue – Detachable	L
H22147	Gold – Detachable	L
H22148	Green – Detachable	L

EAGLE – 4.5 Oz. Mat'l Wt. – 9 Mil Thick

JACKETS

J21207	Yellow – Storm Fly Front – Hood Snaps	S – 4XL
J21107	Yellow – Storm Fly Front – Attached Hood	S – 4XL

OVERALLS

O21007	Yellow – Plain Front	S – 4XL
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PANTS

P21107	Yellow – Drawstring Waist – Snap Fly Front	S – 3XL
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HOOD

H21107	Yellow – Detachable	L
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Magnaprene™

Classic Neoprene Performance



Made of nylon and coated with neoprene, this Tingley classic has performed for generations.

Lightweight Magnaprene™ Single Coated Neoprene On Nylon Suit

Made of nylon and coated with neoprene, this classic is still one of the toughest high performance suits on the market today.

- Neoprene coating provides excellent abrasion performance and resists oils, acids, chemicals, and solvents.
- Stitched and taped seams are 100% liquidproof.
- Nylon fabric provides excellent strength and durability.
- Flame resistant. Self extinguishing with flameout and afterglow less than or equal to 2 seconds after removal of ignition source. Test method ASTM D6413.
- Styles J12148, C12148, and C12168 have elastic inner cuffs for improved protection.

Ideal Applications: Petrochemical, Chemical, Off Shore Drilling, Mining, Fishing, and Forestry.



FEATURES & BENEFITS

MAGNAPRENE

- Full cut shoulder with 90° sleeve to body angle for maximum freedom of movement X
- Stitched and taped seams, for 100% waterproof protection X
- Storm fly front seals out wind, rain, and contaminants X
- Corduroy tip collar for neck comfort X
- Take-up snaps on sleeves and ankle cuffs for adjustable fit X
- Heavy duty snaps for maximum performance X
- Mildew resistant X
- Flame resistant tested* X

Chemical Resistance: Animal fats, certain acids, alcohols, caustics, oils, and certain solvents.

* Flame resistant. Self extinguishing with flameout and afterglow less than or equal to 2 seconds after removal of ignition source and char length less than 6 inches. (Test method ASTM D6413).

MAGNAPRENE – 9 Oz. Mat'l Wt. – 12 Mil Thick

JACKETS

J12207	Yellow – Storm Fly Front – Hood Snaps	S – 4XL
J12148	Olive Drab – Storm Fly Front – Attached Hood – Inner Cuffs	S – 5XL

OVERALLS

O12007	Yellow – Plain Front	S – 4XL
O12008	Olive Drab – Plain Front	S – 5XL

PANTS

P12008	Olive Drab – Plain Front	S – 4XL
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COATS

C12148	Olive Drab – 48" – Storm Fly Front – Attached Hood – Inner Cuffs	S – 4XL
C12168	Olive Drab – 60" – Storm Fly Front – Attached Hood – Inner Cuffs	S – 4XL

HOOD

H12107	Yellow – Detachable	L
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Webdri® & American

All Day Comfort
For Tough Jobs



The Original Webdri® PVC On Polyester Suit Is Designed For Comfort And Toughness

Webdri is a truly comfortable, high performance suit. Made with a heavy coating and a high loft lining, it can withstand extensive laundering and duty. That is why it is one of our most popular suits.

- Stitch bonded non-woven lining defies punctures and tears as well as dissipates moisture.
- Specialty PVC coating resists fats and oils.

Ideal Applications: Food Processing, Agriculture, Construction, Manufacturing, and Forestry.



The American PVC On Non-Woven Polyester Suit Is Affordable Yet Comfortable

The American is one of the most comfortable garments on the market.

- Lightweight coating is durable and stays supple in cold temperatures.
- Non-woven lining absorbs moisture for all day comfort.

Ideal Applications: Agriculture, General Industry, Construction, and Municipalities.



When you are working all day in tough conditions, Tingley's Webdri and American suits protect you and allow you to work comfortably.

FEATURES & BENEFITS

WEBDRI AMERICAN

Full cut shoulder with 90° sleeve to body angle for maximum freedom of movement	..... X .....	..... X
Therm-O-Rad sealed seams for 100% waterproof protection	..... X .....	..... X
Storm fly front seals out wind, rain, and contaminants	..... X .....	..... X
Full polar fleece thermal velour collar for neck comfort	..... X .....	..... X
Polar fleece thermal velour tip collar	..... X .....	..... X
Premium snap-lock suspender buckles	..... X .....	..... X
Heavy duty snaps for maximum performance	..... X .....	..... X
Suspender crossover	..... X .....	..... X
Mildew resistant	..... X .....	..... X

Chemical Resistance: Many acids, oils, alcohols, salts, and alkalies.

WEBDRI – 12 Oz. Mat'l Wt. – 26 Mil Thick JACKETS

J31207	Yellow – Storm Fly Front – Hood Snaps	S – 3XL
J31107	Yellow – Storm Fly Front – Attached Hood	S – 4XL

OVERALLS

O31007	Yellow – Plain Front	S – 4XL
O31107	Yellow – Snap Fly Front	S – 3XL

COAT

C31207	Yellow – 48" – 2 Patch Pockets – Vented Cape Back – Hood Snaps	S – 3XL
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HOOD

H31107	Yellow – Detachable	L
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AMERICAN – 8 Oz. Mat'l Wt. – 18 Mil Thick JACKETS

J32007	Yellow – Storm Fly Front	S – 3XL
J32107	Yellow – Storm Fly Front – Attached Hood	S – 4XL

OVERALLS

O32007	Yellow – Plain Front	S – 4XL
O32107	Yellow – Snap Fly Front	S – 3XL

DuraScrim™ High Strength, Low Cost

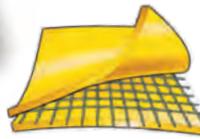


At Tingley, a suit doesn't have to be expensive to offer the protection you need.

DuraScrim™ Double Coated PVC On Polyester Suit Offers Durability At An Economy Price

Extremely high tear strength is the result of an open weave polyester scrim fabric being sandwiched between two layers of flame resistant PVC coating.

- Therm-O-Rad sealed seam construction for good chemical splash protection.
- Thicker outside coating for better abrasion resistance.
- Lighter interior coating protects fabric from chemical contamination.
- Flame resistant. Self extinguishing with flameout and after-glow less than or equal to 2 seconds after removal of ignition source. Test method ASTM D6413.
- DuraBlast™ jacket and overall styles J56147 and O56047 feature hook & loop closures for hydroblasting applications.



DuraBlast jacket has storm fly front with snaps, full front hook & loop closure, and throat guard.

Ideal Applications: Light Chemical, Construction, Utilities, Agriculture, Food Processing, General Industry, and Hydroblasting.

FEATURES & BENEFITS

	DURASCRI	DURABLAST
Full cut shoulder with 90° sleeve to body angle for maximum freedom of movement	X	X
Therm-O-Rad sealed seams for 100% waterproof protection	X	X
Storm fly front seals out wind, rain, and contaminants	X	X
Take-up snaps on sleeves and ankle cuffs for adjustable fit	X	X
Hook and loop take-up straps on sleeves and ankle cuffs for adjustable fit	X	X
Drawstring sweep for added protection	X	X
Self material collar resists contamination	X	X
Hook and loop throat guard to seal out moisture	X	X
Non-conductive, non-corrosive hardware	X	X
Mildew resistant	X	X
Flame resistant tested*	X	X

Chemical Resistance: Many acids, oils, alcohols, salts, and alkalies.

*Flame resistant. Self extinguishing with flameout and afterglow less than or equal to 2 seconds after removal of ignition source and char length less than 6 inches. (Test Method ASTM D6413).

DURASCRI – 8 Oz. Mat'l Wt. – 10.5 Mil Thick

JACKETS

J56207	Yellow – Storm Fly Front – Hood Snaps	S – 3XL
J56107	Yellow – Storm Fly Front – Attached Hood	S – 5XL

OVERALLS

O56007	Yellow – Plain Front	S – 3XL
O56107	Yellow – Snap Fly Front	S – 5XL

PANTS

P56007	Yellow – Plain Front	S – 3XL
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SUIT

S56307	Yellow – 3 Piece Suit – Jacket – Storm Fly Front – Detachable Hood – Snap Fly Front Overalls	S – 5XL
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COAT

C56207	Yellow – 48" – 2 Patch Pockets – Vented Cape Back – Hood Snaps	M – 4XL
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HOOD

H56107	Yellow – Detachable	L
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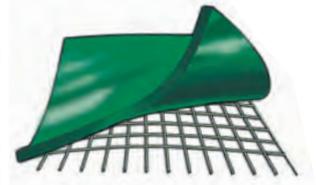
DURABLAST – 8 Oz. Mat'l Wt. – 10.5 Mil Thick

JACKET

J56147	Yellow – Storm Fly Front – Attached Hood – Hook & Loop Closures	S – 5XL
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OVERALLS

O56047	Yellow – Plain Front – Hook & Loop Take-Ups	S – 5XL
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The Safetyflex® Flame Resistant Specialty PVC On Polyester Suit Combines Tough Protection And Comfortable Fit

Made to resist industrial acids, chemicals, and caustics, Safetyflex is engineered for protection.

- Heavy exterior coating for excellent permeation performance.
- Flame resistant. Self extinguishing with flameout and after-glow less than or equal to 2 seconds after removal of ignition source. Test method ASTM D6413.
- High jacket collar with hook and loop throat closure for increased splash and drip protection.
- All seams are Therm-O-Rad sealed for 100% liquid proof protection. No needle holes for chemicals to penetrate.
 - Soft, supple feel for all day comfort.
 - Tapered sleeves are designed to fit in protective gloves or accommodate glove rings for added safety.
 - Distinctive safety green color for easy identification.
 - Available as a coverall or a jacket and overall combination.

Ideal Applications: Chemical Handling, Transport and Storage, Petrochemical, Drilling, Refineries, and Environmental Clean-Ups.

When you need a suit for aggressive applications, our high performance specialty PVC compound is engineered for the toughest job requirements.

FEATURES & BENEFITS

SAFETYFLEX

- Full cut shoulder with 90° sleeve to body angle X
- Therm-O-Rad sealed seams for 100% liquid proof protection X
- Storm fly front seals out wind, rain, and contaminants X
- Non-conductive, non-corrosive snaps and buckles X
- Hidden hardware for added protection X
- High collar with hook and loop throat closure for added safety X
- Coverall has zipper closure with dual storm fly front X
- Mildew resistant X
- Flame resistant tested* X

Chemical Resistance: Many acids, oils, alcohols, salts, and alkalies.

*Flame Resistant. Self extinguishing with flameout and afterglow less than or equal to 2 seconds after removal of ignition source and char length less than 6 inches. (Test method ASTM D6413).

SAFETYFLEX – 13 Oz. Mat'l Wt. – 17 Mil Thick JACKETS

J41008	Green - Storm Fly Front - High Collar - Hidden Hardware	M – 4XL
J41108	Green - Storm Fly Front - Attached Hood - Hidden Hardware	S – 4XL
J41248	Green - Storm Fly Front - Hood Snaps - Elasticized Inner Cuff - Hidden Hardware	S – 5XL

OVERALLS

O41008	Green - Plain Front	S – 4XL
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COVERALL

V41108	Green - Attached Hood - Zipper Fly Front - Tapered Sleeves - Ankle Take-Ups	S – 5XL
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APRON

A41008	Green	38" x 48"
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PROTECTIVE SLEEVES

S41108	Green	Universal
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HOOD

H41108	Green - Detachable	L
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ECLIPSE™

Revolutionary Tri-Hazard® Protection



Tingley's Eclipse is designed to meet the special demands of workers that may be exposed to momentary electrical arc or flash fire hazards.

The **Eclipse™** Offers Tri-Hazard Liquid-Proof, Arc Flash, and Flash Fire Protection.

Patent pending Thermo-Grid® technology helps block out heat energy while the flame resistant PVC coating on Nomex® provides 100% liquid proof protection in a soft, lightweight suit. The Eclipse is engineered for protection – made to resist industrial acids, chemicals, and caustics.

- Conforms to ASTM F1891 for Arc Thermal Performance and NFPA 70E - CAT 2.
- Jacket and Overall styles conform to ASTM F2733 for Flash Fire Performance.
- All seams are Therm-O-Rad sealed for 100% liquid proof protection. No needle holes for chemicals to penetrate.
- Exterior PVC coating for excellent chemical resistance.
- High jacket collar with hook and loop throat closure for increased splash and drip protection.
- Soft, supple feel for all day comfort.
- Distinctive safety blue color for easy identification.

Ideal Applications: Petrochemical, Chemical, and Off-Shore Drilling



TINGLEY FR™

FEATURES & BENEFITS

ECLIPSE

- Full cut shoulder with 90° sleeve-to-body angle for maximum freedom of movement X
- Therm-O-Rad sealed seams for 100% liquid proof protection X
- Storm fly front seals out wind, rain, and contaminants X
- Hidden hardware for added protection X
- Non-conductive, non-corrosive snaps and buckles X
- Snaps for the detachable hood are affixed to a collar flange X
- Throat guard with high collar and hook and loop closure for added safety X
- Self material suspenders with heavy duty quick release buckles and crossover X
- Hook and loop take-up straps on wrist and ankle cuffs for adjustable fit X
- Adjustable elastic drawcord on jacket for added protection X
- Mildew resistant X

Chemical Resistance: Many acids, oils, alcohols, salts, and alkalis.

Arc Thermal Performance Conforming To ASTM F1891 Test Method ASTM F1959

	ARC Rating	HAF%	Break Open
Eclipse Blue	14 cal/cm ²	85%	41 cal/cm ²

Flash Fire Thermal Performance Conforming To ASTM F2733 Test Method ASTM F1930

	Body Burn
Eclipse Blue	< 11.4%

ECLIPSE – 10.5 Oz. Mat'l Wt. – 26 Mil Thick

JACKET

J44241	Blue - Storm Fly Front - Hood Snaps - Hidden Hardware	S – 5XL
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OVERALLS

O44041	Blue - Plain Front	S – 5XL
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HOOD

H44101	Blue - Detachable	L
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Nomex® is a registered trademark of E. I. Du Pont de Nemours and Company.



TINGLEY
A TRADITION SINCE 1896 30



The Icon for premium breathable, high visibility outerwear.

The Icon™ Premium ANSI Compliant Breathable And High Visibility Outerwear - Polyurethane On 300 Denier Polyester

Engineered to provide superior comfort and safety in the toughest work environments.

- ANSI/ISEA 107 Type R Class 3 compliant suit, jacket, and coat for high visibility and breathability.
- Breathable. Test Method ASTM E96.
- Loaded with premium features for multipurpose applications.
- Fluorescent background colors for excellent daytime visibility.
- 2" silver reflective tape reflects light for 360° nighttime conspicuity.
- Icon 3.1™ jacket system (style J24172) comes standard with removable fleece jacket for all season comfort and use.

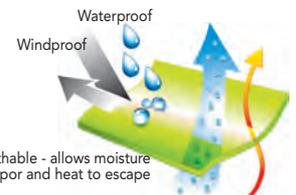
Ideal Applications: For use in environments where high visibility and breathability are desired for wearer safety and comfort.



Zipper/storm fly front with throat guard. D-ring access for fall protection harness. Roll-a-way, adjustable hood in collar, and mesh/taffeta lining.



Removable 300g fleece jacket available in Icon 3.1 style J24172 or as a stand alone jacket style J72003.



Breathable - allows moisture vapor and heat to escape



FEATURES & BENEFITS

	ICON	ICON 3.1
Waterproof, breathable fabric for all season comfort	X	X
Overhead shoulder design for complete freedom of movement	X	X
Stitched and taped sealed seams for 100% waterproof protection	X	X
2 Way Zipper/storm fly front with throat guard, seals out wind and rain	X	X
Roll-a-way adjustable hood in collar design for added convenience	X	X
Full-vented cape back for improved air circulation	X	X
D-ring access for fall protection harness	X	X
Mesh/taffeta lining for added comfort	X	X
Hand warmer side pockets with front cargo pockets and hook and loop closure	X	X
Convenient front radio pocket with exterior badge holder	X	X
Inner breast pocket with zipper closure	X	X
Elastic cuffs with hook and loop take-up straps on sleeves	X	X
Tapered sweep with adjustable elastic drawcord on jacket for added protection	X	X
2 Mic tabs	X	X
Heavy duty suspenders with quick release buckles and crossover	X	X
Hook and loop take-up straps on leg cuffs	X	X
Take-up snaps on overall waist for adjustable fit	X	X
Icon jackets have inner attachment system to accommodate Phase 2™ (J73022), Phase 3™ (J25022), or black fleece jacket (J72003) as a liner	X	X

FLEECE JACKET/ICON 3.1 LINER

300 gram insulating black fleece jacket can be zipped in and out of Icon	X
Fleece jacket has 2 slash pockets with zippers and adjustable elastic drawcord	X

ICON - 5.5 Oz. Mat'l Wt. - 12 Mil Thick

JACKETS

J24122	Fluorescent Yellow-Green-Black - Attached Hood - Silver Reflective Tape	S - 5XL
J24129	Fluorescent Orange-Red-Black - Attached Hood - Silver Reflective Tape	S - 5XL

OVERALLS

O24122	Fluorescent Yellow-Green - Snap Fly Front - Silver Reflective Tape	S - 5XL
O24129	Fluorescent Orange-Red - Snap Fly Front - Silver Reflective Tape	S - 5XL

COAT

C24122	Fluorescent Yellow-Green - 48" - Attached Hood - Silver Reflective Tape	M-5XL
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PANTS

P24123	Black - Snap Fly Front - Silver Reflective Tape	S - 5XL
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ICON 3.1 - 5.5 Oz. Mat'l Wt. - 12 Mil Thick Shell - 300g Fleece Jacket

JACKET SYSTEM

J24172	Fluorescent Yellow-Green-Black - Attached Hood - Silver Reflective Tape Removable Black Fleece Jacket	S - 5XL
J72003	Black Fleece Jacket - Replacement Liner	S - 5XL



The Icon LTE for lightweight protection with premium features.

The **Icon LTE™ Premium, Lightweight, ANSI Compliant, Breathable, High Visibility Outerwear** – Polyurethane on 75 Denier Ripstop Polyester.

Lightweight material allows for comfort and flexibility while ripstop resists tears and adds durability.

- ANSI/ISEA 107 Type R Class 3 compliant jacket and suit for high visibility and breathability.
- Loaded with premium features for multipurpose applications.
- Fluorescent background material color for excellent daytime visibility.
- 2" silver reflective tape reflects light for 360° nighttime conspicuity.
- Breathable. Test Method ASTM E96.
- Lightweight, waterproof, breathable material is ideal for warmer climates, while interchangeable liner options provide adaptability for all season comfort.

Ideal Applications: For use in environments where high visibility and lightweight breathability are desired for wearer safety and comfort.



D-ring access for fall protection harness.

FEATURES & BENEFITS

ICON LTE

- Overhead shoulder design for complete freedom of movement.....X
- Stitched and taped sealed seams for 100% waterproof protection.....X
- 2 Way zipper/storm fly front with throat guard, seals out wind and rain.....X
- Roll-a-way adjustable hood in collar design for added convenience.....X
- Full-vented cape back for improved air circulation.....X
- D-ring access for fall protection harness.....X
- Mesh/taffeta lining for added comfort.....X
- Hand warmer side pockets with front cargo pockets and hook & loop closure.....X
- Convenient front radio pocket with exterior badge holder.....X
- Inner breast pocket with zipper closure.....X
- Elastic cuffs with hook & loop take-up straps on sleeves.....X
- Tapered sweep with adjustable elastic drawcord on jacket for added protection.....X
- Dark colored front and cuffs help conceal dirt.....X
- 2 Mic tabs.....X
- Elastic waist pants with adjustable drawcord.....X
- Hook and loop take-up straps on ankle cuffs for adjustable fit.....X
- Zippers at leg cuffs allow for easy on and off.....X
- Snap fly front pants.....X
- Side openings on pants with flap closure.....X
- Inner attachment system to accommodate Phase 2™ (J73022), Phase 3™ (J25022), or black fleece jacket (J72003) as a liner.....X



Breathable - allows moisture vapor and heat to escape

ICON LTE – 3.7 Oz. Mat'l Wt. – 10 Mil Thick

JACKET

J27122	Fluorescent Yellow-Green-Black - Attached Hood - Silver Reflective Tape	S – 5XL
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PANTS

P27122	Fluorescent Yellow-Green-Black - Snap Fly Front - Silver Reflective Tape	S – 5XL
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PHASE 2™ & PHASE 3™



Athletic apparel design and performance adapted for work environments.

Multi-Layer Protection In A Single Layer



Phase 2

Phase 3

FEATURES & BENEFITS

	PHASE 2	PHASE 3
Breathable, insulating fabric for 3 season comfort	X	
Breathable, water resistant insulating fabric for 3 season comfort		X
Overhead shoulder design for complete freedom of movement	X	X
Stretch fabric with inner fleece layer for maximum comfort		X
Storm fly front with zipper front closure seals out wind	X	X
Front hand warmer pockets with zipper closure	X	X
Right breast security pocket with zipper closure		X
Right and left breast security pockets with zipper closure	X	
Hook and loop take-up straps on sleeve cuffs for easy adjustment		X
Adjustable elastic drawcord at waist for easy adjustment	X	
Longer cut back with adjustable elastic drawcord for extra coverage		X
Dark colored material in high wear areas helps conceal dirt	X	X
Sleeves are lined for ease of use	X	
2 Mic tabs	X	
Can be zipped into the Icon™ (J24122 & J24129) outer shell to create a multi-season comfort system	X	X

The Phase 2™ Fleece Jacket – Breathable, Insulating, Wind Resistant, High Visibility Outerwear

An innovative jacket constructed from a combination of 150 denier fluorescent yellow-green polyester and 360g black fleece that keeps you warm and visible, yet cool and comfortable for 3 season protection.

- ANSI/ISEA 107 Type R Class 2 compliant jacket for high visibility.
- Insulating heavy weight fleece provides warmth and comfort.
- Fluorescent yellow-green background material for excellent daytime visibility.
- 2" silver reflective tape reflects light for 360° nighttime conspicuity.
- 4 exterior pockets for added convenience.

The Phase 3™ Soft Shell – Premium, Breathable, Water Resistant, Windproof, High Visibility Outerwear

A revolutionary 3 layer material that keeps you warm and dry, yet cool and comfortable for 3 season protection. Offers amazing warmth-to-weight ratio in a breathable, wind and water resistant system.

- Inner fleece layer provides warmth and comfort.
- ANSI/ISEA 107 Type R Class 3 compliant jacket.
- Breathable to ASTM E96.
- Fluorescent yellow-green background material for excellent daytime visibility.
- 2" silver reflective tape reflects light for 360° nighttime conspicuity.

Ideal Applications: For use in environments where high visibility and warmth are desired for wearer safety and comfort.



Phase 2: length of yellow-green material on back of jacket varies to meet ANSI 107 requirements.



Phase 3: small and medium sizes have a slightly different configuration to meet ANSI 107 requirements.

PHASE 2 – 360g Fleece Jacket JACKET

J73022	Fluorescent Yellow-Green-Black - Silver Reflective Tape	M – 5XL
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PHASE 3 – 5.5 Oz. Mat'l Wt. – 39 Mil Thick JACKET

J25022	Fluorescent Yellow-Green-Charcoal Gray - Silver Reflective Tape	S – 5XL
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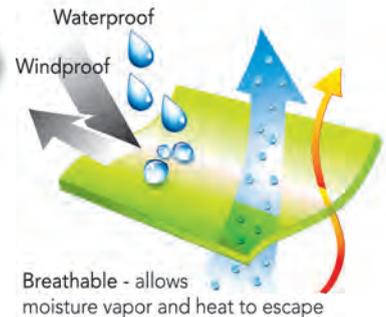
Work in comfort and safety.

The Vision™ For Affordable, Breathable, High Visibility Safety Outerwear - Polyurethane On 150 Denier Polyester

An innovative product that is ANSI 107 compliant for high visibility and breathability. The Vision provides all season comfort at an affordable price.

- ANSI/ISEA 107 Type R Class 3 compliant suit and jacket for high visibility and breathability.
- Designed for use in multipurpose applications.
- Fluorescent yellow-green background material for excellent daytime visibility.
- Breathable. Test Method ASTM E96.
- 2" silver reflective tape reflects light for 360° nighttime conspicuity.

Ideal Applications: For use in environments where high visibility and breathability are desired for wearer safety and comfort.



FEATURES & BENEFITS

- | | |
|---------------------------------------------------------------------------------------|----------|
| Waterproof, breathable fabric for all season comfort | X |
| Full cut shoulder with 90° sleeve to body angle for maximum freedom of movement | X |
| Stitched and taped sealed seams for 100% waterproof protection | X |
| Storm fly front seals out wind and rain | X |
| Non-conductive, non-corrosive hardware | X |
| Roll-a-way hood in collar design for added convenience | X |
| Easy access cargo pockets with hook and loop closure | X |
| Suspenders with quick release buckles and crossover | X |
| Elastic waist pants with adjustable drawcord | X |
| Side openings on pants with flap closure | X |
| Hook and loop take-up straps on sleeves and ankle cuffs for adjustable fit | X |
| Mildew resistant | X |

VISION



VISION – 4 Oz. Mat'l Wt. – 7 Mil Thick

JACKET

J23122	Fluorescent Yellow-Green - Attached Hood - Silver Reflective Tape	S – 5XL
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OVERALLS

O23122	Fluorescent Yellow-Green - Snap Fly Front - Silver Reflective Tape	M – 5XL
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PANTS

P23122	Fluorescent Yellow-Green - Snap Fly Front - Silver Reflective Tape	S – 5XL
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Bomber & Bomber II™ Be Seen... Be Safe... Be Warm...



Engineered for superior performance in cooler climates.



The **Bomber** Premium ANSI Compliant High Visibility Insulated Jacket

Made to provide superior warmth, comfort, and safety in the harshest conditions.

- ANSI/ISEA 107 Type R Class 3 compliant, 100% waterproof, jacket for high visibility.
- Loaded with premium features for multipurpose applications.
- Fluorescent yellow-green background material for excellent daytime visibility.
- Fleece body lining and quilted polyester sleeve lining provide warmth and comfort.
- 300 denier polyester shell for excellent durability and performance.
- 2" silver reflective tape reflects light for 360° nighttime conspicuity.
- 5 exterior and 3 interior pockets for added convenience.

The **Bomber II™** ANSI Compliant High Visibility Insulated Jacket

A highly visible insulated winter wear jacket designed to provide warmth, comfort and safety at an affordable price.

- ANSI/ISEA 107 Type R Class 3 compliant, 100% waterproof, jacket for high visibility.
- Fluorescent yellow-green or orange-red background material for excellent daytime visibility.
- Quilted polyester lining provides warmth and comfort.
- 210 denier polyester shell for great wear.
- 2" silver reflective tape reflects light for 360° nighttime conspicuity.

FEATURES & BENEFITS

BOMBER BOMBER II

Overhead shoulder design for complete freedom of movement.....	X	X
Storm fly front and zipper front closure seal out wind and rain.....	X	X
Roll-a-way hood in collar for your convenience.....	X	X
Front hand warmer pockets with closure.....	X	
Slash front pockets with closure.....		X
Left breast radio pocket with flap closure.....	X	X
Heavy duty stretch knit cuffs and waist for comfortable fit.....	X	
Elasticized cuffs and waist for comfortable fit.....		X
Dark colored front helps conceal dirt.....	X	X
Stitched and taped seams for 100% waterproof protection.....	X	X
Waterproof underarm zipper vents to help reduce heat and moisture.....	X	
2 Mic tabs.....	X	X

Ideal Applications: Bomber and Bomber II are for use in environments where high visibility and warmth are desired for wearer safety and comfort.

BOMBER – 6.0 Oz. Mat'l Wt. – 12 Mil Thick Shell JACKET

J26002	Fluorescent Yellow-Green-Black - Silver Reflective Tape - Fleece Liner - Attached Hood	S – 5XL
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BOMBER II – 4.0 Oz. Mat'l Wt. – 6 Mil Thick Shell JACKET

J26112	Fluorescent Yellow-Green-Black - Silver Reflective Tape - Polyester Quilted Liner - Attached Hood	S – 5XL
J26119	Fluorescent Orange-Red-Black - Silver Reflective Tape - Polyester Quilted Liner - Attached Hood	S – 5XL

Bomber 3.1™

Be Seen... Be Safe... Be Warm...



Engineered for superior performance in diverse weather conditions.



The Bomber 3.1™ ANSI 107 Compliant High Visibility Insulated Jacket with Removable Liner

The removable quilted liner system provides warmth, comfort and versatility for varying weather and work conditions.

- ANSI/ISEA 107 Type R Class 3 compliant, 100% waterproof jacket for high visibility.
- Fluorescent yellow-green background material for excellent daytime visibility.
- 2" silver reflective tape reflects light for 360° nighttime conspicuity.
- 140g removable black quilted polyester liner provides warmth, and can be worn as a stand alone work jacket.
- Shell is made of 210 denier polyester for great wear.
- There are 5 exterior and 3 interior pockets in the shell, while the liner jacket has 2 exterior pockets for added convenience.

Ideal Applications: For use in environments where high visibility and warmth are desired for wearer safety and comfort.

FEATURES & BENEFITS

- Overhead shoulder design for complete freedom of movement X
- Storm fly front and zipper front closure seal out wind and rain X
- Roll-a-way hood in collar for your convenience X
- Front hand warmer pockets with closure X
- Left breast radio pocket with flap closure X
- Elasticized cuffs and waist for comfortable fit X
- Dark colored front helps conceal dirt X
- Stitched and taped seams for 100% waterproof protection X
- 2 Mic tabs X

BOMBER 3.1

**BOMBER 3.1 – 4.0 Oz. Mat'l Wt. – 6 Mil Thick Shell
140g Quilted Jacket**

JACKET SYSTEM

■ ■ ■ J26172	Fluorescent Yellow-Green-Black -	S – 5XL
■ ■ ■	Attached Hood - Silver Reflective Tape -	
	Removable Black Quilted Liner Jacket	

Polo Shirts

Be Seen Looking Like a Pro



Lightweight **Polo Shirt** Utilizes Advanced Snag Resistant Polyester Material to Provide Breathability, Comfort, and Professional Appearance

- ANSI/ISEA 107 Type R Class 2 compliant short sleeve polo shirt.
- Fluorescent yellow-green background material for excellent daytime visibility.
- 2" silver reflective tape reflects light for 360° nighttime conspicuity.
- Partially segmented Sawtooth® reflective tape allows for additional breathability and reduced heat stress.
- Lightweight, breathable material is engineered to resist snags and pulls.



Ideal Applications: Environments where lightweight high visibility, and breathability are desired for wearer safety and comfort and workers who require a more professional appearance.

Innovative material engineered to provide snag resistance and prevent runs.



FEATURES & BENEFITS

POLO SHIRT

- Set in sleeve with full cut shoulder design for complete freedom of movement **X**
- Heavy duty black stretch knit collar provides added comfort and conceals dirt **X**
- One pocket on the left chest **X**
- Additional pen pockets located on left sleeve **X**

POLO SHIRT – 4.3 Oz. Mat'l Wt. – 20 Mil Thick

 S74022	Fluorescent Yellow-Green – Short Sleeve – Silver Reflective Tape	S – 5XL
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Sportsman Shirts Ultra Lightweight, Ultra Comfortable



Everyday comfort and style engineered to provide enhanced safety and high visibility for work environments.



The **Sportsman** Style Ultra Lightweight Shirt Utilizes Advanced Material and Design to Provide Quick Drying, Breathable Comfort and Protection

Lightweight 75 denier polyester material allows for comfort and flexibility while ripstop fabric resists tears and adds durability.

- ANSI/ISEA 107 Type R Class 2 compliant short sleeve shirt and Type R Class 3 compliant long sleeve shirt for high visibility.
- Loaded with premium features for multipurpose applications.
- Fluorescent yellow-green background material for excellent daytime visibility.
- 2" silver reflective tape reflects light for 360° nighttime conspicuity.
- Partially segmented Sawtooth® reflective tape allows for additional breathability and reduced heat stress.
- Ultra lightweight, breathable material and design are ideal for warmer climates and workers exposed to heat stress during extended outdoor work hours.



FEATURES & BENEFITS

SPORTSMAN SHIRT

- Set in sleeve with full cut shoulder design for complete freedom of movement **X**
- Full vented cape back with side vents and additional venting on the chest for improved air circulation **X**
- Fold up expandable collar for additional sun protection **X**
- Two patch pockets with hook and loop closure on the chest **X**
- Additional pen pocket on left chest **X**
- Long sleeve shirt has button closure on sleeve cuffs for secure fit **X**
- Long sleeve shirt has optional take up system to roll sleeves up and secure at elbow **X**

Ideal Applications: Environments where lightweight, high visibility, and breathability are desired for wearer safety and comfort.

SPORTSMAN SHIRTS – 2.6 Oz. Mat'l Wt. – 6 Mil Thick

■ S76022	Fluorescent Yellow-Green – Short Sleeve – Silver Reflective Tape	S – 5XL
■ S76522	Fluorescent Yellow-Green – Long Sleeve – Silver Reflective Tape	S – 5XL



Type R Class 2 Vests

Lightweight, affordable Class 2 vests feature breathable mesh or solid polyester material with hook and loop or zipper closures. 2" silver reflective tape.



V71622 • Lime



V70722 • Lime



V70629 • Orange

V70622 • Lime



V70632 • Lime

V70639 • Orange

Additional specialty styles include:

Two-Tone



V70642 • Lime / V70649 • Orange

5 Point Breakaway



V70522 • Lime / V70529 • Orange

Adjustable



V70839 • Orange / V70832 • Lime

Surveyor Styles



V73832 • Lime

Two-Tone



V73859 • Orange



V73852 • Lime

Safe, Comfortable, Durable Protection

Type R Class 3 Vests

Comfortable, durable, Class 3 vests constructed of breathable mesh material with hook and loop or zipper closure.



V70022 • Lime



Two-Tone

V70332 • Lime
V70339 • Orange

Type R Class 2 and 3 T-Shirts

T-Shirts utilize Birds Eye polyester, high wicking moisture management fabric.



S75029 • Orange / S75022 • Lime



S75522 • Lime

Type R Class 3 Sweatshirts

Sweatshirts are constructed of a comfortable high density polyester material.



S78029 • Orange / S78022 • Lime / S78322 • Lime

S78122 • Lime / S78129 • Orange

Class E Pants

Comfortable, durable, Class E pants constructed of breathable mesh material and elastic waist with drawcord.



P70029 • Orange / P70022 • Lime

Two-Tone



P70032 • Lime

TYPE R CLASS 2 VESTS

V71622	Polyester Solid – Hook & Loop Closure – 2 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X
V70722	Polyester Mesh – Hook & Loop Closure – 2 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X
V70629	Polyester Mesh – Hook & Loop Closure – 2 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X
V70622	Polyester Mesh – Zipper Closure – 4 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X
V70632	Polyester Mesh – Zipper Closure – 4 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X
V70639	Polyester Mesh – Zipper Closure – 4 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X

TWO-TONE

V70642	Polyester Mesh – Zipper Closure – 4 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X
V70649	Polyester Mesh – Zipper Closure – 4 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X

5 POINT BREAKAWAY

V70522	Polyester Mesh – Hook & Loop Closure – Breakaway Hook & Loop at Shoulders, Sides and Front – 2 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X
V70529	Polyester Mesh – Hook & Loop Closure – Breakaway Hook & Loop at Shoulders, Sides and Front – 2 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X

ADJUSTABLE

V70839	Polyester Mesh – Zipper Closure – 2 Mic Tabs – 4 Interior Pockets	M/XL, 2X/5X
V70832	Polyester Mesh – Zipper Closure – 2 Mic Tabs – 4 Interior Pockets	M/XL, 2X/5X

SURVEYOR STYLE

V73832	Polyester Solid Front, Mesh Back – Zipper Closure – 2 Mic Tabs – 5 Exterior Pockets – 3 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X
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SURVEYOR STYLES – TWO-TONE

V73859	Polyester Solid Front, Mesh Back – Zipper Closure – 2 Mic Tabs – 5 Exterior Pockets – 3 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X
V73852	Polyester Solid Front, Mesh Back – Zipper Closure – 2 Mic Tabs – 5 Exterior Pockets – 3 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X

TYPE R CLASS 3 VESTS

V70022	Polyester Mesh – Hook & Loop Closure – 2 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X
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TWO-TONE

V70332	Polyester Mesh – Zipper Closure – 2 Mic Tabs – 4 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X
V70339	Polyester Mesh – Zipper Closure – 2 Mic Tabs – 4 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X

TYPE R CLASS 2 T-SHIRTS

S75029	Short Sleeve – 1 Pocket	S - 5X
S75022	Short Sleeve – 1 Pocket	S - 5X

TYPE R CLASS 3 T-SHIRTS

S75522	Long Sleeve – 1 Pocket	S - 5X
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TYPE R CLASS 3 SWEATSHIRTS

S78029	Crew Neck – 1 Pouch Pocket	S - 5X
S78022	Crew Neck – 1 Pouch Pocket	S - 5X
S78122	Hooded – Zipper Closure – 2 Pockets	S - 5X
S78129	Hooded – Zipper Closure – 2 Pockets	S - 5X
S78322	Hooded – Pullover – 1 Pouch Pocket	S - 5X

CLASS E PANTS

P70029	Polyester Mesh – 2 Side Pass Through Openings – 1 Exterior Pocket	S/M, L/XL, 2X/3X, 4X/5X
P70022	Polyester Mesh – 2 Side Pass Through Openings – 1 Exterior Pocket	S/M, L/XL, 2X/3X, 4X/5X

TWO-TONE

P70032	Polyester Mesh – 2 Side Pass Through Openings – 1 Exterior Pocket	S/M, L/XL, 2X/3X, 4X/5X
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ACCESSORIES

H70222	Hi-Vis Baseball Cap	UN
H70232	Hi-Vis Knit Hat	UN

Accessories



H70222 • Lime



H70232 • Lime





Tingley's Eclipse is designed to meet the special demands of workers that may be exposed to momentary electric arc or flash fire hazards.

FEATURES & BENEFITS

ECLIPSE

- Overhead shoulder design for complete freedom of movement while working overhead X
- Therm-O-Rad sealed seams for 100% liquid proof protection X
- Zipper/storm fly front with snap closure and hidden hardware seals out heat, wind, rain and contaminants X
- Flame resistant corduroy collar with roll-a-way hood for comfort and convenience X
- Oversized 3 piece hood with adjustable hook & loop take-up strap for safe fit X
- Non-conductive, non-corrosive hardware X
- Full-vented cape back for improved air circulation X
- D-ring access for fall protection harness X
- Self-material suspenders with heavy duty quick release buckles and crossover X
- Hook and loop take-up straps on wrists and ankle cuffs for adjustable fit X
- Adjustable elastic drawcord on jacket for added protection X

Chemical Resistance: Many acids, oils, alcohols, salts, and alkalis.

Nomex® is a registered trademark of E.I. du Pont de Nemours and Company.

The Eclipse™ Offers High Visibility, Liquid Proof, Arc Flash And Flash Fire Protection

Patent Pending Thermo-Grid® technology helps block out heat energy while the flame resistant PVC coating on Nomex® provides 100% liquid proof protection in a soft, lightweight suit.

- ANSI/ISEA 107 Type R Class 3 compliant suit, jacket and coat for flame resistance and high visibility.
- Conforms to ASTM F1891 for Arc Thermal Performance and NFPA 70E - CAT 2.
- Jacket and overall styles conform to ASTM F2733 for Flash Fire Performance.
- Fluorescent background colors for excellent daytime visibility.
- 2" silver reflective tape reflects light for 360° nighttime conspicuity.

Ideal Applications: All Electric and Gas Utilities, Power Generation, Pipeline and Construction work, Transportation and Distribution, and Petrochemical applications.



Zipper/storm fly front seals out wind, rain, and contaminants. Full FR corduroy collar with hood in collar construction for comfort and convenience.



Full vented cape back for improved air circulation. D-ring access for fall protection harness.



Arc Thermal Performance Conforming To ASTM F1891 Test Method ASTM F1959

	ARC Rating	HAF%	Break Open
Eclipse Yellow-Green	8.7 cal/cm ²	81%	42 cal/cm ²
Eclipse Orange-Red	11 cal/cm ²	81%	42 cal/cm ²

Flash Fire Thermal Performance Conforming To ASTM F2733 Test Method ASTM F1930

	Body Burn
Eclipse Yellow-Green	< 9.5%
Eclipse Orange-Red	< 13.5%

ECLIPSE – 10.5 Oz. Mat'l Wt. – 26 Mil Thick

JACKETS		
J44122	Fluorescent Yellow-Green - Attached Hood - Silver Reflective Tape	S – 5XL
J44129	Fluorescent Orange-Red - Attached Hood - Silver Reflective Tape	S – 5XL
OVERALLS		
O44122	Fluorescent Yellow-Green - Snap Fly Front - Silver Reflective Tape	S – 5XL
O44129	Fluorescent Orange-Red - Snap Fly Front - Silver Reflective Tape	S – 5XL
COATS		
C44122	Fluorescent Yellow-Green - Attached Hood - Silver Reflective Tape	S – 4XL
C44129	Fluorescent Orange-Red - Attached Hood - Silver Reflective Tape	S – 4XL

Comfort-Brite® Be Seen... Be Safe...



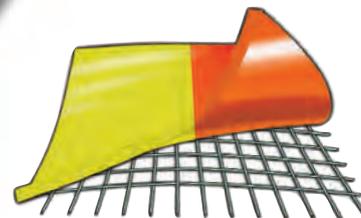
High visibility, flame resistant rainwear at its best!

Comfort-Brite® - The Ultimate General Purpose Rain Suit

Highly visible, flame resistant, and loaded with special features. Comfort-Brite is lightweight, durable, and affordable.

- ANSI/ISEA 107 Type R Class 3 compliant suit, jacket, and coat for high visibility.
- Flame resistant. Self extinguishing with flameout and afterglow less than or equal to 2 seconds after removal of ignition source. Test method ASTM D6413.
- Loaded with special features for multipurpose applications.
- Fluorescent orange-red or yellow-green background material for excellent daytime visibility.
- 2" silver reflective tape reflects light for 360° nighttime conspicuity.

Ideal Applications: Utilities, Telecommunications, Construction, Transportation, DOT's, Municipalities, Waste Management, and General Industry.



FEATURES & BENEFITS

COMFORT-BRITE

Full cut shoulder with 90° sleeve to body angle for maximum freedom of movement	✘
Therm-O-Rad sealed seams for 100% waterproof protection	✘
Zipper/storm fly front seals out wind, rain, and contaminants	✘
Non-conductive hardware	✘
Roll-a-way hood in collar design for added convenience	✘
Full-vented cape back for improved air circulation	✘
D-ring access for fall protection harness	✘
Suspenders with quick release buckles and crossover	✘
Easy access cargo pockets with closure	✘
Hook and loop take-up straps on sleeve and ankle cuffs for adjustable fit	✘
Mildew resistant	✘
Flame resistant tested*	✘

Chemical Resistance: Many acids, oils, alcohols, salts, and alkalis.

*Flame resistant. Self extinguishing with flameout and afterglow less than or equal to 2 seconds after removal of ignition source and char length less than 6 inches. (Test method ASTM D6413).

COMFORT-BRITE - .35MM – 14 Mil Thick

JACKETS

J53122	Fluorescent Yellow-Green - Attached Hood - Silver Reflective Tape	S – 5XL
J53129	Fluorescent Orange-Red - Attached Hood - Silver Reflective Tape	S – 5XL

OVERALLS

O53122	Fluorescent Yellow-Green - Snap Fly Front - Silver Reflective Tape	S – 5XL
O53129	Fluorescent Orange-Red - Snap Fly Front - Silver Reflective Tape	S – 5XL

COAT

C53122	Fluorescent Yellow-Green - Attached Hood - Silver Reflective Tape	M – 4XL
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Type R Class 2 FR Vests

Lightweight and comfortable, Class 2 vests conform to ASTM F1506 and are constructed from a 6.5 ounce 55% Modacrylic/45% cotton blend with 2" FR silver reflective tape.

Standard

- V81622 • Lime**
- Meets ASTM F1506
 - Arc Rating 6.8 cal/cm²
 - NFPA 70E Compliant
 - D-Ring Access for Fall Protection Harness



CAT 1

5 Point Breakaway

- V81522 • Lime**
- Meets ASTM F1506
 - Arc Rating 6.8 cal/cm²
 - NFPA 70E Compliant



CAT 1

Surveyor Style

- V81832 • Lime**
- Meets ASTM F1506
 - Arc Rating 6.8 cal/cm²
 - NFPA 70E Compliant
 - 2 Self Material Mic Tabs



CAT 1



Class 2 Vest
Interior 2 Pocket
Configuration



Class 2 Surveyor Vest
Interior 3 Pocket
Configuration



High Visibility Apparel - Safe, Comfortable, Durable Protection

Type R Class 3 FR Shirts

Advanced 60% modacrylic/40% cotton blend material provides breathable stretch, durability, and protection. High cotton content provides superior comfort.

Type R Class 3 FR T-Shirt

- S85522 • Lime**
- 8 oz. Material Weight
 - Meets ASTM F1506
 - Arc Rating 9.1 cal/cm²
 - NFPA 70E Compliant



CAT 2



CAT 2

Type R Class 3 FR Sweatshirt

- S88122 • Lime**
- 10.5 oz. Material Weight
 - Meets ASTM F1506
 - Arc Rating 16.0 cal/cm²
 - NFPA 70E Compliant

TYPE R CLASS 2 FR VESTS

V81622	FR Hook & Loop Closure – 2 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X
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5 POINT BREAKAWAY

V81522	FR Hook & Loop Closure – Breakaway FR Hook & Loop at Shoulders, Sides and Front – 2 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X
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SURVEYOR STYLE

V81832	FR Hook & Loop Closure – 2 Mic Tabs – 5 Exterior Pockets – 3 Interior Pockets	S/M, L/XL, 2X/3X, 4X/5X
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TYPE R CLASS 3 FR T-SHIRT

S85522	Long Sleeve – 1 Pocket	S - 5X
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TYPE R CLASS 3 FR SWEATSHIRT

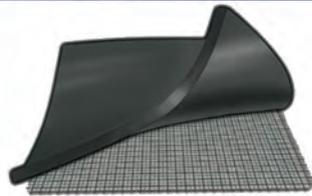
S88122	Hooded – Concealed FR Zipper Closure – 2 Pockets	S - 5X
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Size Small Sweatshirts
Have Fluorescent
Color Pockets to
Meet ANSI 107
Requirements.



General Purpose Rainsuits,

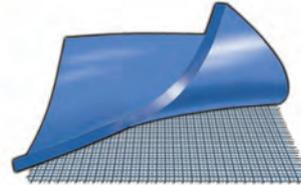
Designed for 100 percent waterproof protection, our general purpose line of rainsuits are generously cut for ease of movement and comfort. With such features as electronically welded seams, attachable and detachable hoods, easy access cargo pockets, vented cape backs, snaps for adjustable fit, and heavy duty zippers, they are great for work or play. These suits are made to meet Tingley's high standard for quality.



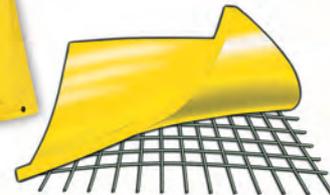
STORM-FLEX®

- .40mm Polyurethane on Stretch Knit Polyester
- Stretchable material provides unsurpassed comfort
- Includes zipper front, hood-in collar, hook & loop take-up straps and more
- Ideal for active recreation

Storm-Champ®



- .20mm PVC on Nylon
- Lightweight, soft, and generously cut
- Includes zipper front, hook & loop take-up straps, pockets, and more
- Ideal multipurpose suit



.35mm Industrial Work

- .35mm PVC on Polyester
- Durability at an economical price
- Storm fly front, take-up snaps, non-conductive hardware, and more
- Ideal for general purpose work environments

Generous Features

Tuff-Enuff™

- .20mm single ply PVC
- Tough enough to reuse, economical enough to throw away
- Storm fly front, take-up snaps, and non-conductive hardware
- Ideal for light duty general industry



Tuff-Enuff PLUS™

- .25mm double ply PVC
- Lightweight and affordable
- Zipper front, take-up snaps, vented cape back, and more
- Ideal for multiple applications with light duty



Comfort-Tuff®

- .35mm PVC on Polyester
- Lighter weight, versatile, and durable
- Includes zipper front, roll-a-way hood in collar, corduroy lined collar, take-up snaps, and more
- Ideal for general purpose applications



Poncho

- One size fits all Ponchos can be easily stored for convenient use when unexpected weather hits.



INDUSTRIAL WORK – .35MM PVC ON POLYESTER – 14 Mil Thick

JACKETS		
J53207	Yellow – Detachable Hood	S – 3XL
J53107	Yellow – Storm Fly Front – Attached Hood	S – 3XL

OVERALLS		
O53107	Yellow – Snap Fly Front	S – 3XL

SUIT		
S53307	Yellow – 3 Pc – Jacket – Storm Fly Front – Detachable Hood – Fly Front Overalls	M – 5XL

COAT		
C53217	Yellow – 48" – Storm Fly Front – Detachable Hood	M – 2XL

HAT		
H53237	Yellow – Sou'wester – Lined – Ear Flaps – Chin Strap	M – XL

TUFF-ENUFF PLUS – .25MM DOUBLE PLY PVC – 10 Mil Thick

SUITS		
S62211	Blue – 2 Pc – Jacket – Zip Front – Snap Fly Front Pants – Retail Packed	S – 3XL
S62217	Yellow – 2 Pc – Jacket – Zip Front – Snap Fly Front Pants – Retail Packed	S – 3XL

TUFF-ENUFF – .20MM SINGLE PLY PVC – 8 Mil Thick

SUIT		
S61317	Gold – 3 Pc – Jacket – Storm Fly Front – Detachable Hood – Plain Front Overalls – Retail Packed	S – 3XL

COAT		
C61210	Clear – 48" – Storm Fly Front – Detachable Hood – Retail Packed	XS – 3XL

COMFORT-TUFF – .35MM PVC ON POLYESTER – 14 Mil Thick

SUITS		
S63217	Yellow – 2 Pc – Jacket – Storm Fly Front – Attached Hood – Fly Front Overalls – Retail Packed	S – 3XL

S63219	Blaze Orange – 2 Pc – Jacket – Storm Fly Front – Attached Hood – Fly Front Overalls – Retail Packed	S – 3XL
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STORM-CHAMP – .20MM PVC ON NYLON – 8 Mil Thick

SUITS		
S66211	Royal Blue – 2 Pc. – Jacket – Zipper Front – Attached Hood – Plain Front Waist Pants – Retail Packed	S – 5XL

S66218	Forest Green – 2 Pc. – Jacket – Zipper Front – Attached Hood – Plain Front Waist Pants – Retail Packed	S – 3XL
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STORMFLEX – .40MM POLYURETHANE ON STRETCH KNIT – 16 Mil Thick

JACKET		
J67113	Black – Zipper Front – Attached Hood – Retail Packed	S – 2XL

PANTS		
P67013	Black – Plain Front – Retail Packed	S – 2XL

PONCHOS – .10MM PONCHOS - One Size Fits All

PONCHOS		
P68800	Clear – Attached Hood – Side Snaps – Retail Packed	Universal

P68808	O.D. – Attached Hood – Side Snaps – Retail Packed	Universal
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P68809	Orange – Attached Hood – Side Snaps – Retail Packed	Universal
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TINGLEY

A TRADITION SINCE 1896

Contact Us At
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fax: 866.757.9239
www.tingleyrubber.com



Member
National Safety Council

