



# FOOT PROTECTION

Workers who are on their feet for long periods know that proper footwear is paramount. Not only should footwear be comfortable, but also protective against possible injuries. Chemical, slipping and crush hazards are all less dangerous to workers' feet when the correct footwear is being utilized.

## Choosing the Right Foot Protection

### Slip Resistance

*Slips, trips and falls can lead to disabling injuries. Choose the footwear that's right for your workplace.*

- Rubber boots are flexible and offer a good grip, especially in cold temperatures.
- PVC boots are an economical choice for moderate slip resistance.
- Neoprene boots are slip resistant.
- Nitrile boots are not as slip resistant as neoprene.
- Polyurethane boots are slip resistant.

### Chemical and Weather Resistance

*Choosing footwear with the proper chemical and weather resistance reduces the chances of chemical burns, skin irritation and exposure.*

- Rubber boots should not be used for use around animal fats or solvents.
- PVC boots are resistant to a broad range of chemicals (See your MSDS sheet or safety officer to make sure a PVC boot is appropriate).
- Neoprene boots are resistant to chemicals, acids, fats and greases.
- Nitrile boots are resistant to solvents, fats and greases.
- Polyurethane boots are resistant to chemicals, fats and greases.
- Insulated footwear captures the body's heat to protect against frostbite.
- Waterproof or water-resistant footwear prevents wetness and cold.

### Sole Pattern

*Selecting sole patterns based on the work application is an important step. You should look at both the tread pattern and the sides of the sole to see how easily debris can be pushed out of the channels.*

- Chevron or Ultragrip sipe soles are referred to as self-cleaning soles, because they clean themselves while you walk.
- Safety-Loc soles provide traction during wet floor applications where a self-cleaning sole is not needed.
- Cleated soles or lug soles are general industry soles that are multi-purpose.
- Soles treated with aluminum oxide grit will provide added slip resistance.

### Impact Resistance

*Footwear constructed to meet ANSI/ASTM standards can help prevent injuries from falling and rolling objects.*

- Steel toes protect the tops of the toes from impact and compression.
- Steel midsoles will cover the bottom of the sole to prevent punctures to the bottom of the foot.
- Steel shanks are steel plates that bridge the heel to the middle of the foot for extra support and comfort.
- Steel metatarsals provide added protection for the top of the foot. They can be built into chemical-resistant boots, a tongue-flap on leather lace-up shoes, or added separately to lace-up work boots.

Foot Protection shields the feet and toes during exposure to situations with the potential for foot injuries exists. Hazards include falling or rolling objects, chemical or liquid exposures, piercing objects through the sole or uppers, and/or are exposed to electrical hazards.

Federal safety regulations for foot protection are listed below:

**OSHA 29 CFR 1910.132(d)** - Hazard assessment and equipment selection within your workplace. 1910.132(d)(1) "The employer shall assess the workplace to determine if hazards are present, or are likely to be present, which necessitate the use of personal protective equipment (PPE). . ."

**OSHA 29 CFR 1910.136(a)** - Occupation foot protection, general requirements. 1910.136(a) "General requirements. The employer shall ensure that each affected employee uses protective footwear when working in areas where there is a danger of foot injuries due to falling or rolling objects, or objects piercing the sole, and where such employee's feet are exposed to electrical hazards."

**OSHA 29 CFR 1910.132(f)** - Training, including how to properly fit and maintain PPE- employee training and fitting for protective footwear compliance.

For more information on these OSHA standards and others, visit [www.osha.gov](http://www.osha.gov)

**FOOT PROTECTION**



**Chore Classic Work Boots with Steel Toe**

**Features:**

- Features triple toe and quadruple rubber heel reinforcements.
- Breathable airmesh lining with CR Flex-foam insulation provides all-day comfort.
- Steel toe protects feet from dropped objects, protruding sharp edges and other workplace hazards.
- Steel shank adds arch support and protection from punctures.
- 100% Waterproof.
- Durable, non-slip outsole.

**Test & Approvals:** ASTM F2413-11 M I/75 C/75 EH

**Material:** Neoprene; Nylon; Steel

**Color:** Black

**Resistance:** Water; Slip; Impact

SKU	Size Group	Height
<b>Hi-Black Chore Classic with Steel Toe</b>		
617-CHS-000A-BLK-100	10	16 in
617-CHS-000A-BLK-110	11	16 in
617-CHS-000A-BLK-120	12	16 in



**Slush Boots**

**Features:**

- 100% waterproof protection designed to fit easily over shoes or boots.
- Adjustable side strap.
- Has a cross rib outsole to reduce slippage.

**Material:** 41% Natural Rubber Latex;49% Calcium Carbonate;10% Other

**Color:** Yellow

**Resistance:** Water

**Lining:** 100% Cotton

SKU	Size Group	Height
101-9040-10	10	17 in
101-9040-11	11	17 in
101-9040-12	12	17 in
101-9040-13	13	17 in
101-9040-14	14	17 in
101-9040-15	15	17 in
101-9040-16	16	17 in
101-9040-17	17	17 in
101-9040-18	18	17 in



**CT™ Economy Knee Boots**

- Features:**
- Foot Form contour insole.
  - Scalloped top line design.
  - Seamless molded construction.
  - Trac 10 in sole and heel.

**Material:** PVC  
**Color:** Black  
**Resistance:** Water  
**Lining:** Light Scrim Cotton Blend



SKU	Size Group	Height
617-18822-BLM-100	10	15 in; 16 in
617-18822-BLM-110	11	15 in; 16 in
617-18822-BLM-120	12	15 in
617-18822-BLM-080	8	15 in
617-18822-BLM-090	9	15 in; 16 in
<b>Steel Toe</b>		
617-18821-BLM-100	10	16 in
<b>Steel Toe</b>		
617-18821-BLM-110	11	16 in
<b>Steel Toe</b>		
617-18821-BLM-120	12	16 in
617-18821-BLM-130	13	16 in
617-18821-BLM-140	14	16 in
617-18821-BLM-070	7	16 in
<b>Steel Toe</b>		
617-18821-BLM-080	8	16 in
<b>Steel Toe</b>		
617-18821-BLM-090	9	16 in



**Neoprene Steel Toe Boots**

- Features:**
- Dipped neoprene work boots.
  - 100% waterproof.
  - Steel toe impact protection.
  - Removable insoles.
  - Outsole provides excellent traction on wet or slippery surfaces.

**Test & Approvals:** ASTM F2413-11 M I/75 C/75 and EH  
**Material:** Neoprene  
**Color:** Copper; Tan  
**Resistance:** Water; Impact  
**Lining:** Fabric

SKU	Size Group	Height
<b>Dipped Neoprene Boot</b>		
617-22114-CTM-090	9	12 in



**Pro™ Knee-Length PVC Boot with Steel Toe**

- Features:**
- Be a pro in sturdy PVC boots.
  - Seamless, injection-molded PVC boots are 100% waterproof.
  - TDT outsole compounds are formulated for long wear and slip-resistance.
  - Includes removable and washable contour cushion insoles.
  - Provides added steel toe protection.

**Test & Approvals:** ASTM F2413-11  
**Material:** PVC; TDT (Outsole); Steel  
**Color:** Gray; Yellow; Black  
**Resistance:** Water; Slip; Abrasion; Impact

SKU	Size Group	Height
<b>Pro™ Knee-Length with Steel Toe</b>		
617-75101-GYM-090	9	15 in
617-75101-GYM-100	10	15 in
617-75101-GYM-110	11	15 in

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**SERVUS**  
by Honeywell



**XTP Knee Boots**

**Features:**

- Provide complete protection with sturdy knee boots made from a specialized rubber compound that prevents ozone deterioration.
- TDT outsole compounds are formulated for long wear, reducing inventory costs.
- Boots are built to be strong and slip resistant, reducing on-the-job injuries.
- Removable FOOT FORM contour cushion insoles provide support for added comfort.

**Test & Approvals:** ASTM

**Material:** PVC

**Color:** Black; Yellow; Gray

**Resistance:** Water

**Lining:** Net

SKU	Size Group	Height
<b>Steel Toe</b>		
617-75109-10	10	15 in
617-75109-11	11	15 in
617-75109-12	12	15 in
617-75109-13	13	15 in
617-75109-6	6	15 in
617-75109-7	7	15 in
617-75109-8	8	15 in
617-75109-9	9	15 in

**BEST WELDS®**



**Spats**

**Features:**

- Elastic top with 2 buckles on back of leg.
- Metal reinforced boot.
- Sold per pair.
- Velcro fasteners that ensure a secure fit for various shoe sizes.

**Color:** Brown

**Type:** Metal Reinforced Spats

**Fastening Method:** Buckles; Velcro

SKU	Size Group	Material
902-Q-15	One Size Fits Most	Leather
902-220	One Size Fits Most	Leather



### Protective Shoe Covers

**Features:**

- Protection is built into the fabric itself, there are no films or laminates to abrade or wear away.
- Tyvek® fabric offers an inherent barrier to particles down to 1 micron in size.
- Tyvek® fabric's durability advantage over microporous film and SMS fabrics delivers consistently better barrier, even after wear and abrasion.
- Tyvek® shoe covers are composed of flash spun high-density polyethylene which creates a nonwoven material available only from DuPont.
- Tyvek® provides an ideal balance of protection, durability and comfort of any limited use fabric technology.
- Applications include: lead and asbestos abatement/remediation, general maintenance/operations, spray painting and general clean-up.

**Color:** Gray

**Type:** Shoe Cover

**Fastening Method:** Elastic Opening

SKU	Size Group	Material
251-TY450S-L	Large	DuPont™ Surestep™



### SureStep™ Shoe Covers

**Features:**

- Spunbonded polypropylene fabric with polyethylene film coating.
- Provides exceptional skid-resistance.
- Low linting, resists delamination.

**Color:** White

**Type:** Shoe Cover w/ Serged Seams

**Fastening Method:** 6 in Low Elastic Top

SKU	Size Group	Material
251-PE440S-XL	X-Large	Surestep™ Polypropylene



### Tyvek® Boot Covers

**Features:**

- Tyvek® garments are composed of flash spun high density polyethylene which creates a unique, nonwoven material available only from DuPont.
- Tyvek® provides an ideal balance of protection, durability and comfort of any limited use fabric technology.
- Protection is built into the fabric itself, and there are no films or laminates to abrade or wear away.
- Tyvek® fabric's durability advantage over microporous film and SMS fabrics delivers consistently better barrier, even after wear and abrasion.
- One size fits most.

**Color:** White

**Fastening Method:** Elastic Opening

SKU	Size Group	Material	Type
251-TY454S	One Size Fits Most; 18 in High	DuPont™ Tyvek® Boot Cover with Tyvek® FC Skid-Resistant Sole	Boot Cover
251-TY454S-LG-SR	One Size Fits Most	DuPont™ Tyvek® Boot Cover with Tyvek® FC Skid-Resistant Sole	Boot Cover w/ Serged Seams



### Tyvek® IsoClean® Boot Covers

**Features:**

- Keep your toes clean; use a handy, protective boot cover with covered elastic top.
- Bound seams are covered with garment fabric to reinforce the seam and to reduce the potential for particle penetration.
- Ankle ties provide a secure fit.
- Gripper™ soles provide enhanced skid-resistance and durability.

**Color:** White

**Fastening Method:** Elastic Opening and Toe

SKU	Size Group	Material	Type
251-IC461S-L	Large	Tyvek® IsoClean®	Shoe Cover w/ Serged Seams
251-IC461S-M	Medium	Tyvek® IsoClean®	Shoe Cover
251-IC461S-XL	X-Large	Tyvek® IsoClean®	Shoe Cover



**Tyvek® Shoe & Boot Covers**

**Features:**

- Applications include: lead and asbestos abatement/remediation, general maintenance/operations, spray painting, general clean-up.
- Protection is built into the fabric itself, there are no films or laminates to abrade or wear away.
- Tyvek® fabric offers an inherent barrier to particles down to 1 micron in size.
- Tyvek® fabric's durability advantage over microporous film and SMS fabrics delivers consistently better barrier, even after wear and abrasion.
- Tyvek® garments are composed of flash spun high density polyethylene which creates a unique, nonwoven material available only from DuPont.
- Tyvek® provides an ideal balance of protection, durability and comfort of any limited use fabric technology.
- One size fits most.

SKU	Size Group	Material	Color	Type	Fastening Method
251-FC450S	One Size Fits Most	Tyvek® FC	Gray	Shoe Cover w/ Serged Seams	Low Elastic Top Opening
251-FC454S	One Size Fits Most	Tyvek® FC	Gray	Boot Cover w/ Serged Seams	High Elastic Top Opening
251-TY454S-XL-SR	One Size Fits Most	Tyvek®	White	Boot Cover w/ Serged Seams	Elastic Opening



**Tyvek® Shoe Covers**

**Features:**

- Applications include: lead and asbestos abatement/remediation, general maintenance/operations, spray painting and general clean-up.
- Protection is built into the fabric itself, there are no films or laminates to abrade or wear away.
- Tyvek® fabric offers an inherent barrier to particles down to 1 micron in size.
- Tyvek® fabric's durability advantage over microporous film and SMS fabrics delivers consistently better barrier, even after wear and abrasion.
- Tyvek® garments are composed of flash spun high density polyethylene which creates a unique, nonwoven material available only from DuPont.
- Tyvek® provides an ideal balance of protection, durability and comfort of any limited use fabric technology.

**Color:** Gray

**Type:** Shoe Cover w/ Serged Seams

**Fastening Method:** Elastic Opening

SKU	Size Group	Material
251-TY450S	One Size Fits Most	DuPont™ Tyvek® Shoe Covers



**A20 Breathable Particle Protection Foot Covers**

**Features:**

- Made from a breathable patented Microforce™ Barrier SMS fabric that offers significantly improved barrier protection on submicron size particles.
- Fully elasticized.
- Strong and abrasion-resistant for extended wear.
- Protects against dry particulates and light liquid sprays.

**Color:** White

**Fastening Method:** Elastic Top

SKU	Size Group	Material	Type
138-36880	Universal	MICROFORCE™ Barrier SMS Fabric	Boot Covers
138-36885	Universal	MICROFORCE* Barrier SMS Fabric	Shoe Covers



**KleenGuard® A40 Liquid & Particle Protection Shoe Covers**

**Features:**

- Fully elasticized.
- Passes NFPA 99 criteria for antistatic materials.
- Made from breathable, microporous film laminate that offers better liquid barrier, better particulate barrier, lower in lint than TYVEK®.

**Color:** White

**Type:** Shoe Covers

**Fastening Method:** Elastic Top

SKU	Size Group	Material
138-44490	Universal	Microporous Film Laminate