

PROTECTIVE FOOTWEAR

SAFETY AND COMFORT SOLUTIONS FOR EVERY INDUSTRY

We are Dunlop® Protective Footwear, the leading global manufacturer of protective footwear. In more than 50 countries worldwide, we provide comfortable and protective footwear for you, the workers in Agriculture & Fishery, Food processing, Industry and the Oil, Gas & Mining. Our continuous innovation combined with a solid dose of handcraftsmanship, makes the best working boot in the world. To give you the safety and comfort you deserve.

FOOD

BEST



BETTER



GOOD



OIL AND GAS



HAMASIN DE LA CONTRACTOR DE LA CONTRACTO



GENERAL INDUSTRY







AGRI-CULTURE









DUNLOP® PROVIDING SUPERIOR PROTECTION AND COMFORT

FROM GOOD TO BETTER TO BEST AND BEYOND





BEST





DUNLOP® SNUGBOOT RANGE

COMFORT

Exceeding end user expectations







DURABILITY

Fulfilling lifetime expectancy



PROTECTION

Providing superieur protection



DUNLOP® PUROFORT® RANGE









DUNLOP® PVC RANGE















ENGINEERED FOR COMFORT...

...FOR THOSE WHO FOLLOW THEIR OWN PATH

...FOR THE ONES
THAT GET THE JOB DONE

...FOR THOSE WHO LIVE OUTDOORS







DUNLOP® SNUGBOOT WORKPRO



DUNLOP® SNUGBOOT WILDLANDER



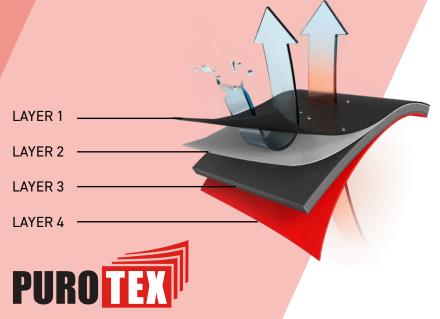
The first breathable and waterproof upper





Purofort® guarantees you long-lasting comfort



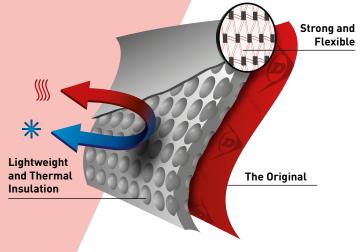


DUNLOP'S FOUR-LAYER SYSTEM CREATES THE FIRST BREATHABLE AND WATERPROOF UPPER

LAYER 1: Water repellent and wear and tear resistant outer layer

LAYER 2: Waterproof and breathable membrane LAYER 3: Moisture wicking lightweight foam

LAYER 4: Antimicrobial abrasion resistant lining





PUROFORT®

ENGINEERED FOR SUPERIOR PRODUCT PERFORMANCE

Purofort® is the unique Dunlop® material with millions of air pockets that are evenly distributed in a cross-linked structure. This creates a lightweight and thermally insulating material that is exceptionally strong and flexible, guaranteeing you superior product performance.



NOT A SINGLE ORDINARY PART CREATES EXTRAORDINARY COMFORT



STABILITY FIX

LOCKS IN YOUR FOOT WITH BIOMECHANICAL SUPPORT FOR EVERY STEP

- · A heel counter to eliminate heel slipping
- Full underfoot support provides stability over any terrain
- · Shoe Horn guiding the foot in and out



METAL FREE PROTECTION

LIGHTWEIGHT HEAVY DUTY METAL FREE PROTECTION

- Globally certified fiberglass composite protective toecap
- · Flexible non-metal anti-puncture midplate



ALL TERRAIN OUTSOLE

SLIP RESISTANT DESIGN TO CONQUER ANY TERRAIN, ANY TIME

- USA Slip resistance standard certification (ASTM 3445-21 SR)
 with easy clean and mud-release design
- Enhanced slip resistance along the gait pattern (gait or foot roll-off)
- · Ladder grip protection

SNUGBOOT PIONEER



Engineered for comfort for those who follow their own path

ARTICLE	OD60A93 Dunlop® Snugboot Pioneer
STANDARD	ASTM 3445-21 SR
SIZE RANGE	US 5-14



SNUGBOOT WORKPRO FULL SAFETY











Engineered for comfort for the ones that get the job done

ARTICLE	NE68A93 Dunlop® Snugboot WorkPro full safety
STANDARD	EN ISO 20345:2011 S5 CI CR SRC ASTM F2413-18 M/I/C PR SD 100 CSA Z195-14 PR SD ASTM 3445-21 SR
SIZE RANGE	US 5-14

SNUGBOOT WILDLANDER



Engineered for comfort for those who live outdoors

ARTICLE	OD60B93 Dunlop® Snugboot Wildlander
STANDARD	ASTM 3445-21 SR
SIZE RANGE	US 5-14



DUNLOP® SNUGBOOT CRAFTSMAN



Engineered for comfort for those who get the job done

- Certified according to all major global safety standards
- ✓ PUROTEX material creates the first breathable and waterproof upper
- ✓ ASTM rated slip resistant outsole applies to all snugboots

ARTICLE	OD60A93.CH Dunlop® Snugboot Craftsman
STANDARD	EN ISO 20347:2012 04 FO CI SRC ASTM 3445-21 SR
SIZE RANGE	US 5-14

DUNLOP® SNUGBOOT CRAFTSMAN FULL SAFETY



Engineered for comfort for those who get the job done

- Certified according to all major global safety standards
- ✓ PUROTEX material creates the first breathable and waterproof upper
- ✓ ASTM rated slip resistant outsole applies to all snugboots

ARTICLE	ND68A93.CH Dunlop® Snugboot Craftsman full safety
STANDARD	EN ISO 20345:2011 S5 CI CR SRC ASTM F2413-18 M/I/C PR SD 100 CSA Z195-14 PR SD ASTM 3445-21 SR
SIZE RANGE	US 5-14

DUNLOP® SNUGBOOT TRAILBLAZER



Engineered for comfort for those who live outdoors

- Extraordinary comfort due to precision engineered snugfit
- ✓ PUROTEX material creates the first breathable and waterproof upper
- ✓ ASTM rated slip resistant outsole applies to all snugboots

ARTICLE OD60B93.CH Dunlop® Snugboot Trailblazer		olazer
STANDARD	CE ASTM 3445-21 SR	
SIZE RANGE	US 5-14	

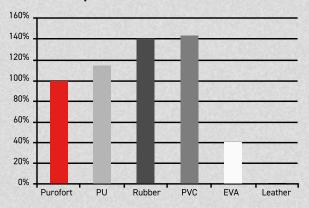




PUROFORT® BENEFITS

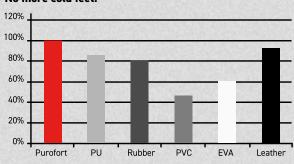
LIGHTWEIGHT

Purofort® boots are up to 35% lighter than PVC, rubber or competitive PU boots. No more tired feet!



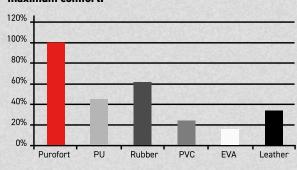
EXCELLENT COLD INSULATION

Purofort® prevents heat loss and provides thermal insulation down to -20°C and even to -50°C. No more cold feet!



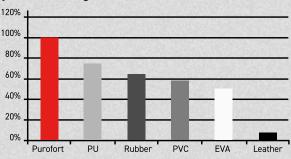
FLEXIBLE

Purofort® is extremely flexible, giving you maximum comfort.



MAX STRETCH

Purofort® provides maximum stretch, assuring your boots a longer life-time.





FOODPROFORT® FOODPRO MULTIGRIP SAFETY

THE ICONIC FOOD BOOT FOR (SEMI)SOLID CONTAMINATED AREAS



- ✓ Anatomically shaped footbed with insole for all day foot support
- ✓ Lightweight Purofort provides thermoregulation for comfort from 104 *F to -4 *F
- ✓ Highest slip resistant outsole for multiple types of flooring and contamination



DISCOVER MORE dunlopboots.com/purofort





S4

ASTM

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ASTM

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ARTICLE	6123155 Dunlop® Purofort® FoodPro MultiGrip safety
STANDARD	ASTM F2413-18 M /I/ C SD 100 ASTM 3445-21 SR
SIZE RANGE	US 03-16/17
PROPERTIES	Anatomically shaped footbed with insole for all day foot support
	· Lightweight and cold insulation wearing comfort
	Highest SRC+ rated slip resistant outsole for multiple types of flooring and contamination



ARTICLE	6113155 Dunlop® Purofort® FoodPro MultiGrip safety EH/Ω
STANDARD	ASTM F2413-18 M/I/ C EH ASTM 3445-21 SR
SIZE RANGE	US 03-16/17
PROPERTIES	Anatomically shaped footbed with insole for all day foot support
	· Lightweight and cold insulation wearing comfort
	Highest SRC+ rated slip resistant outsole for multiple types of flooring and contamination



ARTICLE	5183155 Dunlop® Purofort® FoodPro MultiGrip safety
STANDARD	ASTM F2413-18 M/I/ C EH ASTM 3445-21 SR CSA Z195-14 Omega
SIZE RANGE	US 03-16/17
PROPERTIES	Anatomically shaped footbed with insole for all day foot support foot support
	· Lightweight and cold insulation wearing comfort
	Highest SRC+ rated slip resistant outsole for multiple types of flooring and contamination



ARTICLE	5163155 Dunlop® Purofort® FoodPro MultiGrip safety
STANDARD	ASTM F2413-18 M/I/ C EH ASTM 3445-21 SR CSA Z195-14 Omega
SIZE RANGE	US 03-16/17
PROPERTIES	· Anatomically shaped footbed with insole for all day foot support
	Lightweight and cold insulation wearing comfort
	Highest SRC+ rated slip resistant outsole for multiple types of flooring and contamination



















PUROFORT® THERMO+ FULL SAFETY

UNCOMPROMISED PROTECTION UNDER COLD CONDITIONS





The new Dunlop Purofort FieldPRO boots are 'true to size' so make sure to buy your regular shoe size or one size up vs your current Dunlop Purofort boots.



GAS AND OIL / GENERAL INDUSTRY



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ARTICLE	E902033 Dunlop® Purofort® Explorer full safety with Vibram
STANDARD	ASTM F2413-18 M/I/C PR EH ASTM 3445-21 SR
	CSA Z195-14 Omega
SIZE RANGE	US 06-15
PROPERTIES	· Lightweight for use all day long
	· SRC rated, dirt-repellent Vibram® outsole for perfect grip
	Slip resistant for protection under cold conditions



ARTICLE	EC02A33 Dunlop® Purofort® Expander full safety with Vibram
STANDARD	ASTM F2413-18 M/I/C PR EH ASTM 3445-21 SR CSA Z195-14 Omega
SIZE RANGE	US 06-16/17
PROPERTIES	Vibram XS Work outsole for ultimate slip resistance
	· Comfortable fit
	Special toe area for grip and safe landing



ASTM

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ARTICLE	E652033 Dunlop® Purofort® Thermo+ full safety	
STANDARD	ASTM F2413-18 M/I/C PR EH CSA Z195-14 Omega	
SIZE RANGE	US 06-15	
PROPERTIES	· Insulation down to -58°F to keep feet warm	
	· SRC rated, dirt-repellent outsole for perfect grip	
	· Slip resistant for protection under cold conditions	



	SIZING Q4 2022	
ARTICLE	LPLHD01 Dunlop® Purofort® FieldPRO Thermo+ Full Safety	
DESCRIPTION	Purofort® Ultra heavy duty protection, fits like a sneaker	
STANDARD	ASTM F2413-18 M/I/C PR Mt EH	
SIZE RANGE	US 05-15	
PROPERTIES	Keeping feet dry and warm even in -60°C environments	
	Composite toecap and midsole for certified protection	
	· Snugfit last and new comfort insole for improved comfort and su	pport
	· Maximum grip and traction with the new professional outsole	



ARTICLE	LJ2HD01 Dunlop® Purofort® FieldPRO Full Safety	
DESCRIPTION	Purofort powers you on, fits like a sneaker	
STANDARD	ASTM F2413-18 M/I/C PR - SRC ASTM 3445-21 SR	
SIZE RANGE	US 05-14	
PROPERTIES	Fit perfected with Dunlop's innovative Snug-fit construction to eliminate heel slippage	
	Lightweight and flexible Purofort helps keep your feet fresh until the job is done	
	SRC rated Professional outsole designed for excellent grip in the field	
	Protective toecap and midsole (steel)	



ARTICLE	LJ2JK01 Dunlop® Purofort® FieldPRO Full Safety
DESCRIPTION	Purofort powers you on, fits like a sneaker
STANDARD	ASTM F2413-18 M/I/C PR ASTM 3445-21 SR
SIZE RANGE	US 05-14
PROPERTIES	Fit perfected with Dunlop's innovative Snug-fit construction to eliminate heel slippage
	· Lightweight and flexible Purofort helps keep your feet fresh until the job is done
	• SRC rated Professional outsole designed for excellent grip in the field
	Protective toecap and midsole (steel)



ARTICLE	E662843 Dunlop® Purofort® Thermo+ full safe	ty
STANDARD	ASTM F2413-18 M/I/C SD100 PR CSA Z195-14 SD	
SIZE RANGE	US 06-15	
PROPERTIES	· Lightweight for use all day long	
	• SRC rated, dirt-repellent outsole for perfect	grip
	· Slip resistant for protection under cold condi	tions





ASTM

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ARTICLE	LPLKL01 Dunlop® Purofort® FieldPR0 Thermo+ Full Safety
DESCRIPTION	Purofort® Ultra heavy duty protection, fits like a sneaker
STANDARD	ASTM F2413-18 M/I/C PR Mt EH
SIZE RANGE	US 05-15
PROPERTIES	· Keeping feet dry and warm even in -60°C environments
	Composite toecap and midsole for certified protection
	Snugfit last and new comfort insole for improved comfort and support
	Maximum grip and traction with the new professional outsole



ARTICLE	E762943 Dunlop® Purofort®+ full safety
STANDARD	ASTM F2413-18 M/I/C PR SD 100
	CSA Z195-14 SD
SIZE RANGE	US 03-16/17
PROPERTIES	· Lightweight for minimizing foot fatigue
	· SRC rated outsole for excellent grip
	· High traction on uneven surfaces for maximum safety







ASTM

ARTICLE

DESCRIPTION

STANDARD

SIZE RANGE

PROPERTIES



ARTICLE	D760933 Dunlop® Purofort®+
STANDARD	EN ISO 20347:2012 04 FO CI SRC
SIZE RANGE	US 03-16/17
PROPERTIES	Flexible and supple for retaining ease of movement
	Sturdy outsole design for offering extra stability while walking or standing
	Antistatic protection



ARTICLE	EG62E33 Dunlop® Purofort® FieldPRO Full Safety	
DESCRIPTION	Purofort powers you on, fits like a sneaker	
STANDARD	ASTM F2413-18 M/I/C PR - SRC ASTM 3445-21 SR	
SIZE RANGE	US 03-14	
PROPERTIES	Fit perfected with Dunlop's innovative Snug-fit construction to eliminate heel slippage	
	Lightweight and flexible Purofort helps keep your feet fresh until the job is done	
	· SRC rated Professional outsole designed for excellent grip in the field	
	Protective toecap and midsole (steel)	





FG60E33 Dunlop® Purofort® FieldPR0
Purofort powers you on, fits like a sneaker
SRC ASTM 3445-21 SR
US 03-14
 Fit perfected with Dunlop's innovative Snug-fit construction to eliminate heel slippage
 Lightweight and flexible Purofort helps keep your feet fresh until the job is done
• SRC rated Professional outsole designed for excellent grip in the field

ASTM

BEST









ARTICLE	LJ2HR42 Dunlop® Purofort® RigPRO Full Safety
DESCRIPTION	Purofort all season protection, fits like a sneaker
STANDARD	ASTM F2413-18 M/I/C PR - SRC ASTM 3445-21 SR
SIZE RANGE	US 05-14
PROPERTIES	Fit perfected with Dunlop's innovative Snug-fit construction to eliminate heel slippage
	Lightweight and flexible Purofort helps keep your feet fresh until the job is done
	• SRC rated Professional outsole designed for excellent grip in the field

• Protective toecap and midsole (steel)





ASTM

ARTICLE	LJ2HX42 Dunlop® Purofort® RigPRO Full Safety	
DESCRIPTION	Purofort all season protection, fits like a sneaker	
STANDARD	ASTM F2413-18 M/I/C PR - SRC ASTM 3445-21 SR	
SIZE RANGE	US 05-14	
PROPERTIES	Fit perfected with Dunlop's innovative Snug-fit construction to eliminate heel slippage	
	Lightweight and flexible Purofort helps keep your feet fresh until the job is done	
	• SRC rated Professional outsole designed for excellent grip in the field	
	Protective toecap and midsole (steel)	

BEST FISHERY



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NG PROPERTY OF THE PROPERTY OF	Available Q4 2022 Also available in plain toe (FH6AF33)	

ARTICLE	EH62F33 Dunlop® Purofort® SeaPRO Full Safety	
DESCRIPTION	Purofort powers you on, fits like a sneaker	
STANDARD	ASTM F2413-18 M/I/C PR - SRC ASTM 3445-21 SR	
SIZE RANGE	US 03-14	
PROPERTIES	Fit perfected with Dunlop's innovative Snug-fit construction to eliminate heel slippage	
	Lightweight and flexible Purofort helps keep your feet fresh from dawn to dusk	
	SRC rated rubber Deck-lock outsole for anti-slip protection from stem to stern	
	Protective toecap and midsole (steel)	



ARTICLE	LK2HT01 Dunlop® Purofort® SeaPRO Full Safety
DESCRIPTION	Purofort powers you on, fits like a sneaker
STANDARD	ASTM F2413-18 M/I/C PR - SRC ASTM 3445-21 SR
SIZE RANGE	US 03-14
PROPERTIES	Fit perfected with Dunlop's innovative Snug-fit construction to eliminate heel slippage
	Lightweight and flexible Purofort helps keep your feet fresh from dawn to dusk
	SRC rated rubber Deck-lock outsole for anti-slip protection from stem to stern
	Protective toecap and midsole (steel)

ACIFORT® METMAXEH FULLSAFETY

MAXIMUM PROTECTION FOR HIGH-RISK ENVIRONMENTS



ACIFORT®

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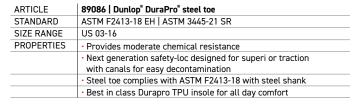








ARTICLE	84086 Dunlop® DuraPro® XCP steel toe
STANDARD	ASTM F2413-18 EH / ASTM F3445-21
SIZE RANGE	US 03-16
PROPERTIES	Provides extremely high chemical resistance
	Next generation Chevron has canals for easy
	decontamination and slip resistance
	Steel toe complies with ASTM F2413-18 with steel shank
	Best in class Durapro TPU insole for all day comfort











ARTICLE	89908 Dunlop [®] Polyflex 3 steel toe
STANDARD	ASTM F2413-18 / ASTM F3445-21
SIZE RANGE	US 05-15
PROPERTIES	Polyblend compound offers superior resistance to fats, oils and chemicals
	Power Lug outsole powered by a multi tread design provides exceptional comfort and slip resistance
	Steel toe complies with ASTM F2413-11 with steel shank

ARTICLE	87982 Dunlop® Sureflex 15" steel toe	
STANDARD	ASTM F2413-18 / ASTM F3445-21	
SIZE RANGE		
PROPERTIES		
· Steel toe complies with ASTM F2413-11 with steel shank		steel shank

BETTER



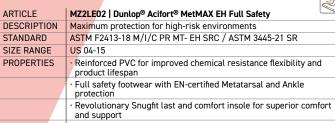




ARTICLE	86802 Dunlop® PolySteel steel toe & midsole	
STANDARD	ASTM F2413-18 CSA Z195	
SIZE RANGE	US 06-15	
PROPERTIES	Polyblend compound offers a third layer of protection with its moderate chemical resistance	
	Steel midsole Ultragrip® Sipe outsole provides superior, slip resistance and puncture protection	
	• Steel toe CSA certified, ASTM F2413-11 compliant with steel midsole	

ARTICLE	88722 Dunlop [®] Electrical Hazard steel toe
STANDARD	ASTM F2413-18 EH
SIZE RANGE	US 06-15
PROPERTIES	Upper provides EH quality protection along with a high abrasion resistance
	Ultragrip [®] Sipe outsole provides dielectric protection with superior durability and slip resistance
	Steel toe complies with ASTM F2413-11, will withstand 18,000 volts of AC current for 1 minute showing no leakage in excess of 1.0 millamperes
	Protective toecap & midsole







PVC



DUNLOP® CHESAPEAKE

LIGHT AND MIGHTY

- ✓ Energy absorbing BAY-LOC slip resistant outsole with channels to repel water (meets ASTM 3445-21 SR)
- ✓ Lightweight modern design 25% lighter than classic PVC boots
- √ 100% waterproof



GOOD









ARTICLE	89682 Dunlop® PolyGoliath Steel Toe
STANDARD	ASTM F2413-18 / ASTM F3445-21
SIZE RANGE	US 05-15
PROPERTIES	Polyblend compound offers superior resistance to fats, oils and chemicals
	Power lug outsole powered by a multi tread design provides exceptional comfort and slip resistance
	Steel toe complies with ASTM F2413-11 with steel shank











ARTICLE	86776 Dunlop® Chesapeake Safety 14" Steel Toe
STANDARD	ASTM F2413-18 / ASTM F3445-21
SIZE RANGE	US 03-15
PROPERTIES	Energy-Absorbing Bay-Loc outsole
	Lightweight modern design for long lasting comfort
	• 100% waterproof
	Dunlop pull tab for easy on off





ARTICLE	TICLE 86778 Dunlop® Chesapeake Safety 16" Steel Toe		
STANDARD	ASTM F2413-18 / ASTM F3445-21		
SIZE RANGE	US 03-15		
PROPERTIES	Energy-Absorbing Bay-Loc outsole		
	Lightweight modern design for long lasting comfort		
	• 100% waterproof		
	Dunlop pull tab for easy on off		

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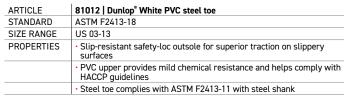








	ARTICLE	86622 Dunlop® Economy steel toe & midsole	
	STANDARD	ASTM F2413-18	
		CSA Z195	
	SIZE RANGE	US 06-13	
	PROPERTIES	· Injected molded seamless construction provide on that is easy to clean	s waterproof protecti-
		· Cleated outsole for excellent traction in wet or exceptional puncture resistance	muddy terrain with
		· Steel toe CSA certified, ASTM F2413-11 complia	int with steel midsole









ARTICLE	K354061 Dunlop® Kids Blizzard
SIZE RANGE	Kids US 8-2, Adult US 3
PROPERTIES	· With fur lining for extra warmth and comfort
	Extra traction outsole profile for excellent grip





INDUSTRIAL FOOTWEAR - DEGRADATION CHART

"HYDROCARBONS (OILS & SOLVENTS)"	SUPERPOLY	SUREFLEX	POLYBLEND	ACIFORT	DURAPRO XCP	PUROFORT
ASTM #1 Oil	Е	Е	Е	Е	Е	Е
ASTM #3 Oil	E	E	Е	E	Е	Е
Benzene	Р	F	Р	Р	F	F
Benzyl Chloride	Р	F	Р	Р	F	Р
Butane	F	F	F	F	F	G
Carbon Tetrachloride	F	F	F	F	F	ND
Castor Oil	Е	Е	Е	Е	Е	Е
Chloroform	Р	Р	Р	Р	Р	ND
Coconut Oil	G	G	G	G	G	Е
Cottonseed Oil	G	G	G	G	G	Е
Cutting Oil	Е	Е	Е	Е	Е	Е
Cyclohexane	G	G	G	G	G	Е
Gasoline (Cracked)	G	G	G	G	G	G
Gasoline (SR)	G	G	G	G	G	G
Grease (All Kinds)	E	Е	Е	Е	E	Е
Hexane	G	G-E	G	G	G-E	Е
Hydraulic Oil	Е	Е	Е	Е	Е	Е
Isooctane	G	Е	G	G	E	Е
Kerosene (C-T)	G	G	G	G	G	Е
Kerosene (PET)	Е	G	Е	Е	G	Е
Lard Oil (158 F)	Е	Е	G	G	Е	Е
Linseed Oil	G	G	G	G	G	Е
Methyl Cellosolve	F	Е	G	G	Е	Р
Methyl Chloride	F	Е	F	F	Е	ND
Methylene Chloride	Р	F	Р	Р	F	Р
Mineral Oil	G	G	G	G	G	Е
Naphtha	G	G	G	G	G	Е
Nitrobenzene	Р	Р	Р	Р	Р	Р
Olive Oil	Е	G	Е	Е	G	Е
Perchloroethylene	F	G	F	F	G	F
Petroleum Oil	G	Е	G	G	Е	Е
Petroleum Solvent	G	G	G	G	G	Е
Pine Oil	Е	G	Е	Е	G	Е
Propane	F	Е	F	F	Е	G
Toluene (Toluol)	Р	F-G	Р	Р	F-G	F
Trichloroethylene	F	G	F	F	G	F
Turpentine	G	G	G	G	G	G
Vegetable Oil	G	G	G	G	G	G
Xylene	Р	G	Р	Р	G	G
Coal Tar Solvent	F	F	F	F	F	F
Beef Tallow (158 F)	Е	Е	G	G	Е	F

Key to De	gradation	Chart:
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E - Excellent

F - Fair

G - Good

P - Poor

"KETONES & ALDEHYDES"	SUPERPOLY	SUREFLEX	POLYBLEND	ACIFORT	DURAPRO XCP	PUROFORT
Acetone	Р	F	Р	Р	F	F
Acetaldehyde	Р	F	Р	Р	F	Р
Benzaldehyde	Р	Р	Р	Р	Р	Р
Butyraldehyde	Р	G	Р	Р	G	ND
Chloroacetone	Р	Р	Р	Р	Р	ND
Formaldehyde	Е	Е	Ε	Ε	Ε	G
Furfural	Р	Р	Р	Р	Р	ND
Methyl Ethyl Ketone	Р	F	Р	Р	F	F

ALCOHOLS						
Amyl Alcohol	G	G	G	G	G	Е
Benzyl Alcohol	F	G	G	G	G	Р
Butyl Alcohol	G	G	G	G	G	G
Diacetone Alcohol	F	G	F	F	G	Р
Diethanolamine	E	G	Ε	Ε	G	Ε
Ethylene Glycol	Е	Е	Е	Е	Е	Е
Ethyl Alcohol	Е	Е	Е	Е	Е	G
Glycerine	E	Ε	Ε	Е	Ε	Е
Methyl Alcohol	G	Е	G	G	Е	G
Octyl Alcohol	Е	G	G	G	G	Е
Propyl Alcohol	Е	G	Е	Е	G	F
Triethanolamine	Е	Е	Е	Е	Е	Е

ORGANIC ACIDS						
Acetic Acid	G	G	G	G	G	Р
Carbolic Acid (Phenol)	F	F	F	F	F	Р
Citric Acid	E	Ε	Ε	Е	E	Е
Formic Acid	F	G	G	G	G	ND
Lactic Acid	E	Ε	Ε	Е	Е	F
Malic Acid	G	Ε	G	G	Е	E
Oleic Acid	Е	G	G	G	G	Е
Stearic Acid (158 F)	Е	G	G	G	G	G
Tannic Acid	Е	Е	Е	Е	Е	Е

INORGANIC ACIDS						
Carbonic Acid	G	Е	G	G	Ε	E
Chlorine Water	G	F	G	G	F	Р
Hydrobromic Acid	G	G	G	G	G	G
-38% Hydrochloric Acid Conc	Ε	Е	E	E	Ε	Р
48% - 52% Hydrofluoric Acid	G	G	Е	Е	G	Р
Hydrogen Sulfide	G	G	G	G	G	ND
Nitric Acid - 10%	Ε	E	Е	Е	Ε	G
Nitric Acid Conc - 70%	F	F	G	G	F	Р
Perchloric Acid	F	F	G	G	F	ND
Phosphoric Acid Conc - 85%	Ε	Е	Е	Е	Ε	Р
Sulfuric Acid - 50%	Е	Е	Е	Е	E	Р
Sulfuric Acid Conc- 93%	Р	Р	Р	Р	Р	Р

SALTS & ALKALIES	SUPERPOLY	SUREFLEX	POLYBLEND	ACIFORT	DURAPRO XCP	PUROFORT
Ammonium Hydroxide	Е	Е	Ε	Ε	Ε	Е
Ammonium Sulfate	Е	Е	Ε	Ε	Ε	Е
Calcium Chloride	Е	E	Ε	Ε	Ε	Е
Calcium Hypochlorite	Е	Е	Е	Е	Е	G
Potassium Hydroxide	G	G	G	G	G	Е
Copper Chloride	Е	G	G	G	G	Е
Copper Sulfate	Е	Е	G	G	Е	Е
Ferric Chloride	G	Е	G	G	Е	Е
Potassium Dichromate	Е	Е	Е	Е	Е	ND
Sodium Hydroxide	Е	Е	Е	Е	Е	E-F

ORGANIC ESTERS						
Amyl Acetate	Р	F	Р	Р	F	F
Butyl Acetate	Р	F	Р	Р	F	F
Dibutyl Phthalate	F	G	F	F	G	
Ethyl Acetate	Р	F	Р	Р	F	Р
Ethyl formate	F	F	F	F	F	ND
Methyl Acetate	Р	F	Р	Р	F	ND
Propyl Acetate	Р	F	Р	Р	F	F
Tricresyl Phosphate	G	Е	G	G	Е	
Zinc Acetate - 10%	Е	Е	Е	Е	Е	Е

MISCELLANEOUS						
Acrylonitrile	F	F	F	F	F	ND
Aniline	Р	F	Р	Р	F	ND
Battery Acid	Е	Е	Е	Е	Е	Р
Butter (158 F)	G	Е	G	G	Е	G
Buttermilk	Е	Е	Е	Е	Е	G
Carbon Disulfide	F	G	F	F	G	G
Chlorophenol	F	F	F	F	F	ND
Chlorobenzene	Р	F	Р	Р	F	Р
Chlorox	E	E	Ε	E	Е	Е
Cresol	Р	F	F	F	F	ND
Dichlorobenzen e	Р	F	Р	Р	F	Р
Dibenzyl Ether	F	F	F	F	F	ND
Ethyl Ether	F	G	F	F	G	ND
Hydrazine	G	Е	G	G	Е	ND
Hydrogen Peroxide - 30%	Е	Е	Ε	Е	Е	Е
Milk	Е	Е	Е	Е	Е	Е
Monoethanolamine	G	Е	G	G	Е	Е
Morpholine	Р	Р	Р	Р	Р	ND
Paint Remover	Р	F	Р	Р	F	Р
Soaps	Е	Е	Е	Е	Е	Е
Tetrahydrofuran	Р	F	Р	Р	F	Р

Actual applications and conditions may vary from our laboratory testing, and therefore the information in the above chart should be used as a guide only.

Users are advised to conduct their own evaluations to determine the suitability of the footwear for each specific application.

NFPA 1991, 2016 EDITION BOOT REQUIREMENTS

NFPA - NATIONAL FIRE PROTECTION ASSOCIATION

To pass the applicable boot requirements for NFPA 1991, 2016 edition, boots are independently tested by ITS to verify compliance. Boots must resist permeation for 1 hour or more against each chemical in the NFPA 1991, 2016 edition battery. The battery consists of 18 chemical liquids and 6 chemical gases. The boots must also pass a flammability resistance test. Hazmax® boots have successfully passed all of these tests.

NFPA 1991, 2016 edition CHEMICAL BATTERY

Hazmax® Material (All tests concluded after 1 hour) [Average of 3 cells]

TABLE 5.3.1.2(A) TEST DATA FOR TECHNICAL DATA PACKAGE									
ENSEMBLE OR ELEMENT	PERFORMANCE REQUIREMENT	TEST METHOD	REQUIREMENT	RESULT					
BASE REQUIREMENTS									
	Flame Resistance	ASTM F1358 (Section 8.7)	Afterflame time ← 2 seconds	1.9					
Footwear Upper Material	Flame Resistance	ASTM F1336 (Section 6.7)	No melting or dripping	None					
rootwear Opper Material	Cut Resistance	ASTM F1790 (Section 8.15)	Blade travel distance > 20 mm at 350 grams	>42.5					
	Puncture Resistance	ASTM F1342 (Section 8.16)	Puncture force > 36 N	41.0					
	Impact Resistance	ASTM F2412 (Section 8.31)	Impact resistance > 101.7 J (12.7 mm min. clearance)	22.5					
Footwear Toe Sections	Compression Resistance	ASTM F2412 (Section 8.31)	Compression resistance > 11,121 N (0.500 inch min. clearance)	0.840					
	Abrasion Resistance	Iso 4649 (Section 8.19)	Relative volume loss € 250 mm3	215					
Footwear Soles and Heels	Slip Resistance	ASTM F2913 (Section 8.21)	Coefficient > 0.40	Forward Heel- 0.63 Backward Forepart- 0.81					
Footwear Puncture Resistant Device	Puncture Resistance	ASTM F2412 (Section 8.30)	No puncture	No Puncture					
Footwear Soles or Ladder Shanks	Bending Resistance	Section 8.20	Deflection < 6 mm	3					
OPTIONAL FLASH FIRE REQUIREMENT	PERFORMANCE REQUIREMENT	TEST METHOD	REQUIREMENT	RESULT					
	Heat Transfer Performance	ASTM F2700 (Section 8.18)	HTP Rating > 12 cal/cm2	>30					
Footwear Material	E. D	ACTA 51050 (C .: 0.5)	Afterflame time € 2 seconds	1.9					
	Flame Resistance	ASTM F1358 (Section 8.7)	Burn distance € 100 mm	15					

5.3.1.2 (B) CUMULATIVE PERMEATION (G/CM2) OVER TEST PERIOD INTERVAL

The 2016 edition of NFPA 1991 uses a new test method in which the cumulative permeation mass replaced the use of breakthrough time as the basis of acceptable material performance. Cumulative permeation mass is the total amount of chemical that permeates through the material in 1 hour. In contrast, breakthrough time was defined as the elapsed time that occurs before the rate of permeation through the material is equal to 0.1 µg/cm²/min.

HAZMAX® 87012 PVC UPPER									
TEST PERIOD INTERVAL	0-15 MIN	15-30 MIN	30-45 MIN	45-60 MIN	1 HOUR TOTAL				
CHEMICAL/ REQUIREMENT	€ 2.0	€ 2.0	€ 2.0	€ 2.0	€ 6.0				
Acetone	<0.10	<0.10	<0.10	<0.10	<0.40				
Acetonitrile	<0.10	<0.10	<0.10	<0.10	<0.40				
Acrolein	<0.10	<0.10	<0.10	<0.10	<0.40				
Acrylonitrile	<0.10	<0.10	<0.10	<0.10	<0.40				
Anhydrous ammonia (gas)	<0.10	<0.10	<0.10	<0.10	<0.40				
1,3-Butadiene (gas)	<0.10	<0.10	<0.10	<0.10	<0.40				
Carbon disulfide	<0.10	<0.10	<0.10	<0.10	<0.40				
Chlorine (gas)	<0.10	<0.10	<0.10	<0.10	<0.40				
Dichloromethane	<0.10	<0.10	<0.10	<0.10	<0.40				
Diethyl amine	<0.10	<0.10	<0.10	<0.10	<0.40				
Dimethyl formamide	<0.10	<0.10	<0.10	<0.10	<0.40				
Dimethyl sulfate	<0.10	<0.10	<0.10	<0.10	<0.40				
Ethyl acetate	<0.10	<0.10	<0.10	<0.10	<0.40				
Ethylene oxide (gas)	<0.10	<0.10	<0.10	<0.10	<0.40				
Hexane	<0.10	<0.10	<0.10	<0.10	<0.40				
Hydrogen chloride (gas)	<0.10	<0.10	<0.10	<0.10	<0.40				
Methanol	0.12	0.25	<0.10	0.15	0.62				
Methyl chloride (gas)	<0.10	<0.10	<0.10	<0.10	<0.40				
Nitrobenzene	<0.20	<0.20	<0.20	<0.20	<0.80				
Sodium hydroxide, 50% w/w	<0.10	<0.10	<0.10	<0.10	<0.40				
Sulfuric acid, 96.1% w/w	0.15	<0.10	<0.10	<0.10	0.45				
Tetrachloroethylene	<0.10	<0.10	<0.10	<0.10	<0.40				
Tetrahydrofuran	<0.10	<0.10	<0.10	<0.10	<0.40				
Toluene	<0.10	<0.10	<0.10	<0.10	<0.40				

5.3.1.2 (B) CUMULATIVE PERMEATION (G/CM2) OVER TEST PERIOD INTERVAL					
HAZMAX® 87012 PVC UPPER					
TEST PERIOD INTERVAL	0-15 MIN	15-30 MIN	30-45 MIN	45-60 MIN	1 HOUR TOTAL
CHEMICAL WARFARE AGENTS					
Blister Agent Requirements	€ 1.33	€ 1.33	€ 1.33	€ 1.33	∢ 4.0
Distilled Mustard					<0.2
Nerve Agent Requirements	€ 0.40	€ 0.40	€ 0.40	∢ 0.40	€ 1.25
Soman					<0.05
Test Period Interval	0-15 min				
Optional Liquefied Gases*	€ 6.0				
·					
Ammonia (liquefied)	0.07				
Chlorine (liquefied)	<0.20				

Ethylene Oxide (liquefied)

ONGUARD Industries, L.L.C. a Dunlop Protective Footwear Company and the Third party testing facility make no warranties or other guarantees regarding the protection afforded by particular footwear as presented. ONGUARD Industries, L.L.C. offers no warranties of merchantability or fitness for a particular use. ONGUARD Industries, L.L.C. hereby disclaims all warranties, express and implied. Actual applications and conditions may vary from our laboratory testing and, therefore, the information contained in the above listing should be used as a guide only. Users are advised to conduct their own evaluations to determine suitability of the footwear for each specific application. All tests were performed under laboratory conditions, not actual use conditions. The chemical permeation tests were performed in accordance with ASTMF-739.

Caution: Do not use this footwear for fire protection. WARNING: Electric shock resistance deteriorates rapidly in a wet environment and with wear.

AVERTISSEMENT: La résistance de décharge électrique détériore rapidement dans un environnement humide et avec l'usage.

^{*} Liquefied chemical gases are only evaluated over 15-minute exposure period.



ASTM EH

(P

PVC

DUNLOP® HAZMAX STEEL TOE & MIDSOLE



THE BOOT THAT CONTINUES TO SET THE STANDARD FOR BIOLOGICAL HAZARDS AND WASTE PROTECTION

- ✓ Energy absorbing BAY-LOC outsole with channels to repel water
- ✓ Specially formulated PVC allow protects you from some of the worst chemicals arounds while exceeding CSA standards
- ✓ Steel toe, steel midsole and steel shank Ultragrip® Sipe outsole provides superior, slip resistance and protection
- Certified by S.E.I. to meet the requirements of NFPA 1991 2016 Standard on Vaporprotective ensembles for Hazardous materials emergencies, Flash Fire certified

DISCOVER MORE

dunlopboots.com





ARTICLE	87012 Dunlop° Hazmax steel toe & midsole
STANDARD	NFPA 1991, 2016 edition compliant ASTM F2413-18 CSA Z195-14
SIZE RANGE	US 06-15
PROPERTIES	Specially formulated PVC allow protects you from some of the worst chemicals arounds while exceeding CSA standards
	Steel toe, steel midsole and steel shank Ultragrip® Sipe outsole provides superior, slip resistance and protection
	Certified by S.E.I. to meet the requirements of NFPA 1991 Standard on Vapor-protective ensembles for Hazardous materials emergen-

cies, Flash Fire certified











ARTICLE	87015 Dunlop® Hazmax EZ-Fit steel toe & midsole
STANDARD	NFPA 1991, 2016 edition compliant ASTM F2413-18 CSA Z195-14
SIZE RANGE	US 06-15
PROPERTIES	One piece injection molded upper with no buttons or elastic bands to reduce contamination opportunities.
	E-Z Decon outsole provides best in class slip protection and easy decontamination and clean up
	Certified by S.E.I. to meet the requirements of NFPA 1991 Standard on Vapor-protective ensembles for Hazardous materials emergen- cies. Flack Fire certified.



DUNLOP® WADERS









ARTICLE	86055 Dunlop® Thigh Wader plain toe
SIZE RANGE	US 06-14
PROPERTIES	· Cleated outsole for excellent traction clogging prevention in wet or muddy terrain
	Hip high lightweight PVC upper with non absorbent lining provides excellent flexibility and comfort

ARTICLE	86056 Dunlop® Thigh Wader steel toe
STANDARD	ASTM F2413-18
SIZE RANGE	US 06-14
PROPERTIES	Cleated outsole for excellent traction clogging prevention in wet or muddy terrain
	Hip high lightweight PVC upper with non absorbent lining provides excellent flexibility and comfort
	• Steel toe complies with ASTM F2413-11









ARTICLE	86856 Dunlop® Thigh Wader steel toe & midsole
STANDARD	ASTM F2413-18 CSA Z195
SIZE RANGE	US 06-14
PROPERTIES	Thigh high lightweight PVC upper with non absorbent lining provides excellent flexibility and comfort
	Steel midsole Ultragrip® Sipe outsole provides superior, slip resistance and puncture protection
	• Steel toe CSA certified, ASTM F2413-11 compliant with steel midsole

ARTICLE	86867 Dunlop® Chest Wader steel toe & midsole
STANDARD	ASTM F2413-18 CSA Z195
SIZE RANGE	US 06-14
PROPERTIES	Chest high durable PVC upper with non absorbent lining provides excellent flexibility and comfort
	Steel midsole Ultragrip® Sipe outsole provides superior, slip resistance and puncture protection
	• Steel toe CSA certified, ASTM F2413-11 compliant with steel midsole











ARTICLE	86067 Dunlop® Chest Wader steel toe
STANDARD	ASTM F2413-18
SIZE RANGE	US 06-14
PROPERTIES	Chest high Durable heavy PVC upper with non absorbent lining provides excellent flexibility and comfort
	· Cleated outsole for excellent traction clogging prevention in wet or muddy terrain
	Steel toe complies with ASTM F2413-11

ARTICLE	Neoprene Chest Wader Full Safety
DESCRIPTION	Purofort powers you on, fits like a sneaker
STANDARD	ASTM F2413-18 M/I/C PR - SRC ASTM 3445-21 SR
SIZE RANGE	US 07-14
PROPERTIES	Neoprene upper offers cold insulation
	Fit perfected with Dunlop's innovative Snug-fit construction to eliminate heel slippage
	· SRC rated Professional outsole designed for excellent grip in the field
	Protective toecap and midsole (steel)



ADDITIONAL COMFORT







ARTICLE	Z940005 Dunlop® Comfort Insoles (PRO series)
SIZE RANGE	US 03 -16/17
FEATURES	Arch, heel and metatarsal support to reduce fatigue
	Energy absorption at the heel to reduce fatigue

US 03-16/17 Suitable for the Purofort® Thermo+, Purofort®+, Rugged, Rig-Air, Expander, Reliance, Terroir Pro and Outdoor Performance boots

Z920005 | Dunlop® Premium Insole

US 05-16/17 Suitable for the Purofort® FoodPro boots

Z930005 | Dunlop® FoodPro Insole





ARTICLE	91085 Dunlop® Men'	s Performance Insole
SIZE RANGE	US 03-15	
FEATURES	· Suitable for all PVC	boots

US 03-16/17 Best in class, breathable 12mm thick TPU Insole provides all day comfort

Suitable for the DuraPro boots

ARTICLE	94066 Borg liner
SIZE RANGE	Size range XS - XL



ARTICLE	91019 Dunlop® Men's Standard Insole
SIZE RANGE	US 04-13
FEATURES	Suitable for all PVC boots

VISIT OUR WEBSITE FOR MORE INFORMATION

www.dunlopboots.com





ABOUT DUNLOP®

130 years at the leading edge of innovation

WHO WE ARE

We are dunlop protective footwear, the leading global manufacturer of protective footwear. In more than 50 countries worldwide, we provide safety-enhancing, comfortable and durable footwear for our users, the workers and the doers in agriculture & fishery, food processing, industry, construction and the oil, gas & mining industry. Our continuous innovation, based on end-user insight, and cutting-edge technology and data, makes for the best protective footwear in the world for the workers and doers in the segments we serve.

Caring about matters of environment, social and governance (esg) is at the heart of dunlop's dna. Dunlop has always been an industry pioneer and front-runner. Our 2022 ecovadis gold rating confirms that this holds true equally for our work in the domains of esg.

DOWNLOAD HERE: www.dunlopboots.com/esg-report



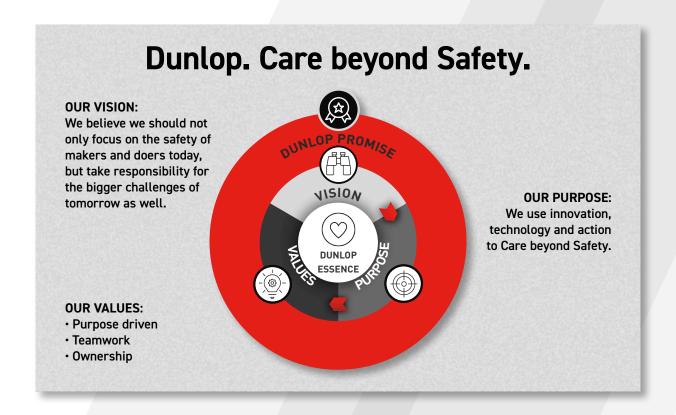




WHY WE DO WHAT WE DO

Being doers ourselves, we understand what our users, the one billion heroes and heroines who day-in-day-out provide us with food, shelter and energy, face and need in their everyday work. We realize that, in a way, the world depends on them. These workers and doers are the reason we exist. As the safety and well-being experts, we are here to provide them with the best possible products and services. However, in our vision, our role doesn't end there.

The way we see it, we should not only focus on the safety of makers and doers today, but take responsibility for the bigger challenges of tomorrow as well. That's why we choose to take responsibility for the well-being of our co-workers, our customers, our partners and the planet. We want to make Dunlop a force for good using innovation, technology and action to 'Care beyond Safety'. This is our purpose, this is what we stand for.



ABOUT DUNLOP®

WHAT WE DO

We design, develop and manufacture all of our high-quality protective footwear ourselves. We focus on our end-user's needs: to a farmer, safety means something else than to a construction builder. Working in a food processing plant requires other footwear than working on an oil platform. We understand that. So, we develop boots that are tailored to the task at hand. We actively engage with our customers and end-users and invest in continuous innovation, merging expertise with the latest technology.

At Dunlop Protective Footwear, we design, develop and produce all our clients' workplace safety boots inhouse and, as such, can influence all processes from the outset. At our in-house laboratories and test centers, our teams of engineers continuously work on new boot designs, making our boots even lighter as well as more flexible, non-slip, durable and sustainable. As a result, our innovative footwear delivers the highest degrees of comfort and protection available in the market.





DUNLOP MANIFESTO

WE ARE LIVING IN A TIME OF GREAT TRANSITION.
IN A WAY, HUMANITY IS EXPLORING NEW TERRAIN.

AT DUNLOP, WE PRIDE OURSELVES ON OUR HISTORY OF CONTINUOUS INNOVATION, BRINGING ESSENTIAL SAFETY AND MAXIMUM PERFORMANCE TO THE WORLD'S MAKERS AND DOERS WHO SOLVE THE CHALLENGES OF TOMORROW.

WE ARE STEPPING UP TO PROVIDE SAFETY WHERE IT IS NEEDED THE MOST. WITH AN UNSTOPPABLE DRIVE TOWARDS SMARTER BOOTS, FEWER SLIPS, TRIPS AND FALLS, SOLUTIONS DRIVEN BY DATA AND 100% CIRCULAR PRODUCTION.

WE ARE COMMITTED TO CARE BEYOND THE ASK, FAR BEYOND SAFETY.

CARE THAT EXTENDS TO THE WELL-BEING OF OUR CO-WORKERS AND

OUR ENVIRONMENT, MAKING DUNLOP THE LEADER IN OUR INDUSTRY.

WE TAKE ON THE RESPONSIBILITY FOR KEEPING PEOPLE SAFE AS
THEY CARRY OUT THEIR IMPORTANT WORK, MAKING THE FUTURE A
SAFE AND EXCITING ENDEAVOUR FOR ALL.

DUNLOP. CARE BEYOND SAFETY.











DUNLOP® PROTECTIVE FOOTWEAR IRUSTED GLOBAL PARTNER



ASTM CERTIFIED



CSA CERTIFIED



ELECTRICAL HAZARD



SLIP RESISTANT OUTSOLE



SLIP RESISTANT **OUTSOLE**



PROTECTIVE TOECAP MIDSOLE



PROTECTIVE TOECAP



WATERPROOF



COLD **INSULATION**



OIL RESISTANT OUTSOLE



CHEMICAL RESISTANT



ENERGY ABSORBING



ANTISTATIC



COMFORT



SNUGFIT





METATARSAL PROTECTION



ANKLE **PROTECTION**



HEAT RESISTANT



CUT **RESISTANT**



All Dunlop® boots are produced according to the latest REACH regulation and do not contain any restricted substances.



CONTACT

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Fax: 1-800-304-2282 Toll Free: 800-365-2282 orders-usa@dunlopboots.com





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Dunlop® Protective Footwear works closely with:













Tested & Certified by:











