

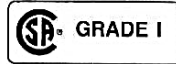












SAFETY INFOGRAM

Safety footwear is designed to protect feet against a wide variety of injuries. Impact, compression and puncture are the most common types of foot injury.

- **CHOOSE** footwear according to the hazard. Refer to CSA Standard Z195, "Protective Footwear."
- **SELECT** CSA-certified footwear. Ensure that it has the proper rating for the hazard and the proper sole for the working conditions.
- **WALK** in new footwear to ensure it is comfortable.
- **LACE** up boots fully. High-cut boots provide support against ankle injury.
- **USE** a protective coating to make footwear water-resistant.
- **USE** metatarsal protection (top of the foot between the toes and ankle) where there is a potential for injury.
- **INSPECT** footwear regularly for damage.
- **REPAIR** or replace worn or defective footwear.

SELECTION OF SAFETY FOOTWEAR

 GRADE I Green Grade I will withstand 125 joules, or 93 ft. lbs.; a 50 lb. weight dropped from a height of 22 in.	 GRADE II Yellow Grade II will withstand 90 joules, or 65 ft. lbs.; a 50 lb. weight dropped from a height of 16 in.	 GRADE III Red Grade III will withstand 60 joules, or 45 ft. lbs.; a 50 lb. weight dropped from a height of 10.5 in.
 Electric Shock Resistant Footwear carries this GSA marking tag. Footwear must withstand (under dry conditions) a test potential of 18 kV (18,000 volts), 60 Hz for a period of one minute, without discharge to ground of more than one milliamper (1 mA). *Use where there is danger of high voltage	 Green - GRADE I Yellow - GRADE II Red - GRADE III Designates a puncture resistant sole able to withstand 135 kg of pressure, (300 ft. lbs.) without being punctured by a 5 cm. nail. **Use where there is danger of punctures	
GRADE I Green Combined with: **  for punctures *  for high voltage <ul style="list-style-type: none"> ■ Freight Companies ■ Steel Mills ■ Construction ■ Mining ■ Auto Industries ■ Paper Mills ■ Lumbering 	GRADE II Yellow Combined with: **  for punctures *  for high voltage <ul style="list-style-type: none"> ■ Warehousing ■ Machine Shops ■ Auto Industries ■ Aircraft Industries ■ Paint Companies ■ Home Appliance Co. ■ Fire Departments 	GRADE III Red Combined with: **  for punctures *  for high voltage <ul style="list-style-type: none"> ■ Light Manufacturing ■ Retail Stores ■ Supervisors ■ Office Staff ■ Hospitals ■ Service Stations ■ Security ■ Ambulance Staff

FOOTWEAR SOLE RATINGS

Sole	Abrasion	Metal Chips	Chemical	Cushion	Cement	Slipping	Water	Oil	Heat
Blown Rubber	G	F	F	X	X	G	G	G	F
Vulcanized PVC	G	G	F	G	G	F	G	G	G
Vibram	X	X	G	X	X	X	X	G	X
Leather	F	F	F	G	G	G	p	F	p
Vinyl Flex	G	F	F	X	X	X	G	G	F
Chemigum (Ambergum)	X	G	G	X	X	X	X	X	X
Neoprene	X	G	X	G	X	G	X	X	G
Krayton	X	F	F	X	G	G	G	F	F
Neo Crepe	G	F	F	X	G	X	G	G	p
Rubber (Vulcanized Rubber)	X	G	G	X	X	G	X	G	G
Nitrile (Nitrilegum)	X	G	X	G	X	X	X	X	G
Dyna tread	X	X	G	G	X	X	X	G	G
Sur-Sport Rubber	G	G	X	X	G	X	X	X	G
Polyurethane	X	F	X	X	X	G	X	X	G
Vylyt	F	p	X	G	G	X	X	X	F
Crepe	G	X	G	G	X	G	X	G	G

X - Excellent G - Good F - Fair P - Not Recommended