

**Safety Shoes:** Shoes or boots designed specifically for wear in an industrial setting. This style of shoe often includes protective features such as insulation, toe protection, slip resistance, and waterproof protection.

## Construction Basics

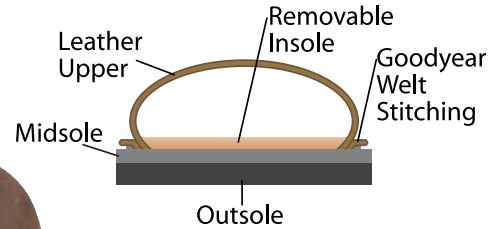
### MIDSOLE

The section of the shoe between the very bottom and where the foot rests. To add comfort, many midsoles contain additives, such as polyurethane, to increase cushioning.



### GOODYEAR WELT CONSTRUCTION

The **most durable technique** in use today. The Goodyear process involves double stitching for maximum durability and the upper, outsole and innersole are securely stitched together with a welt. RefrigiWear styles 115, 120, and 121 offer this construction.



### OUTSOLE

The bottom layer of the shoe that contacts the ground. Also called the sole.

### Outsole Descriptions

The sole of every RefrigiWear Safety Boot is constructed of rubber, providing excellent traction and durability, especially on cold floors. Additives such as EVA can cause outsoles to rapidly break down on cold freezer floors. RefrigiWear **never** uses these additives in any of the outsoles on our Safety Boots, whether insulated or non-insulated.

**Vibram® outsoles** are virtually indestructible, and provide the best combination of slip resistance, comfort, and durability.

**Star Lug outsoles** are the most popular work soles. They offer good durability and high slip resistance ratings at a more economical price.

**Athletic outsoles** come in different tread styles depending on the boot. They are excellent for employees who are highly mobile and move between different environments during the day.

**Safety Toes** provide protection for employees. Both RefrigiWear Steel Toes and Thermoplastic Safety Toes (shown) meet ASTM F2413-05.

**Thinsulate™ insulation** offers the very best in comfort. You enjoy the most insulation with the least weight, and it wicks away moisture.

**Padded Collars** provide extra comfort and support for active employees.



**Goodyear Welt Construction** provides the most durability. The upper, outsole, and innersole are securely stitched together with a welt.

**Removable Comfort Insoles** provide extra comfort and shock-absorption. Replace insoles periodically to increase boot comfort.



## Safety Features

All of RefrigiWear's Safety Boots meet ASTM F2412-05.

**WARMTH** Thinsulate™ and Thinsulate Ultra insulation, made by 3M®, are thin and lightweight without sacrificing warmth. To cut down on foot perspiration, Thinsulate™ is breathable and moisture-wicking — hence, it stays warm even when wet. Thinsulate uses thousands of tiny microfibers that trap pockets of insulating air space inside, giving you the ultimate in cold temperature protection.

**SAFETY TOES** Extra toe protection to prevent lost-time injuries, required by most industries. There are two types of RefrigiWear Safety Toes, both of which meet ASTM standards for impact and compression.

**STEEL TOES** Steel reinforcement in the toe area. Steel toes are tested by the ASTM for their ability to maintain a minimum clearance when compressed by different weights.

**THERMOPLASTIC TOE** A non-metallic, non-magnetic protective covering over the toe, which resists corrosion and serves the same function as the steel toe, but does not set off metal detectors.

**SHANK** A reinforcing piece of steel or composite which runs from the center of the heel to the front of the arch, laminated within the lasting board, providing support.