

# V PROTECT™

ULTIMATE PROTECTION



**VULCASOLE TECHNOLOGY**



**SAFETY FOOTWEAR // ULTIMATE PROTECTION**

## **ABOUT US:**

The brand **V-PROTECT™** is based in India and has been one of the leading manufacturers of safety footwear. **V-PROTECT™** brand is a part of **OWLAK INC** currently the group is engaged in export and defence sector. **V-PROTECT™** brand specialized expertise in processing rubber for use in new sole technologies with cutting edge methods. When tough demands are placed on the product and the user the quality of our product will with stand the extreme conditions

**OWLAK INC.** manufactures and sells personnel protective equipment (PPE) for extreme applications in performance sectors such as:-

- **EXTREME HOT ENVIORNMENTS**
- **EXTREME HARSH ENVIORNMENTS**
- **HEAVY DUTY INDUSTRY**
- **MINING AND CONSTRUCTION**
- **CONCENTRATED ACID AND ALKALI INDUSTRY**
- **POWER HOUSES AND ELECTRICAL INDUSTRY**
- **EXPLOSIVES INDUSTRY**

Our brand strategy for **V-PROTECT™** range is to work on achieving market leadership in personnel protective equipment for extreme applications with the use of our specially designed revolutionary rubber technology **VULCASOLE™ TECHNOLOGY**.

## **TECHNOLOGY**

**RUBBER** has an advantage over other materials due to its exceptional properties: **Comfort, durability, grip, elasticity, conductivity, resistance to abrasion, resistance to alkali and chemicals, resistance to extreme temperatures and harsh conditions.**

Thus **V-PROTECT™** uses the ultimate rubber technology to develop new types of rubber compounds as a part of **VULCASOLE™** brand.

### **VULCASOLE™-XSTRM**

Intensive R&D efforts of **V-PROTECT™** team goes into developing of the **VULCASOLE™-XSTRM** rubber technology, which is specially designed to perform in extreme harsh conditions. Chemical industry, heavy industries ,were ever risks are high, environments harsh or conditions extreme **VULCASOLE™-XSTRM** rubber technology is the optimum solution .exceptional grip, durability, excellent abrasion resistance, resistance to extreme temperatures and aggressive chemicals is provided by **VULCASOLE™-XSTRM** rubber technology

### ***VULCASOLE™-9.1***

The rubber compound **VULCASOLE™-9.1** is specially designed for the performance sector, Where tough demands are put up on the material **VULCASOLE™-9.1** is the first choice, the rubber compound is designed to provide elegance, flexibility, grip, shock absorption, durability, abrasion resistance and first and foremost optimum safety to the user. Your one solution to all problems.

### ***VULCASOLE™- SHOCKSHIELD***

Rubber is used as insulating material in various sectors to prevent electric shocks thus taking advantage of this versatile property of rubber our team has designed a shock proof rubber compound **VULCASOLE™- SHOCKSHIELD** the complete **electrical insulating footwear** to prevent the wearer from electric shocks and the damage caused by them without compromising on the comfort, durability, grip and safety of the wearer.

### ***VULCASOLE™- CONDUCTIVE***

Various sectors demand **conductive footwear** especially the sectors where highly flammable gases, aggressive chemicals, explosive powders are used hence our R&D team developed this special rubber compound **VULCASOLE™- CONDUCTIVE** to ensure optimum safety of the wearer and the environment including advantages of the revolutionary **VULCASOLE™** rubber technology.

### ***VULCASOLE™- ACIDIC***








The rubber technology **VULCASOLE™- ACIDIC** stands true to its name. The technology **VULCASOLE™- ACIDIC** is specifically developed to provide excellent resistance from **concentrated acids ,alkalis and chemicals**, resistance to abrasion, ultimate grip, durability and strength.

## VULCASOLE™ TECHNOLOGY

<b>SI no.</b>	<b>VULCASOLE™ TECHNOLOGY</b>	<b>SECTORS</b>
1.	<b>VULCASOLE™ -XSTRM</b>	HIGHLY POLYVALENT SECTORS, MINING, CONSTRUCTION AND BUILDING, FORGING, FOUNDRY, METAL, CHEMICAL PLANTS, REFINERIES, OIL RIGS etc.
2.	<b>VULCASOLE™ -9.1</b>	FORGING, CEMENT, PETROLEUM, CHEMICAL, HOSPITALITY, AUTOMOBILE, WAREHOUSING, LIGHT INDUSTRY, PHARMACEUTICALS etc.
3.	<b>VULCASOLE™ -SHOCKSHIELD</b>	ELECTRICAL COMPONENTS, WIRES, ELECTRICAL SHOCK PRONE AREAS, POWER HOUSES, POWER GRIDS etc.
4.	<b>VULCASOLE™ -CONDUCTIVE</b>	EXPLOSIVE, FLAMMABLE GASES AND CHEMICALS etc.
5.	<b>VULCASOLE™ -ACIDIC</b>	CONCENTRATED CHEMICALS, ACIDS AND ALKALIS

### KEY TO SAFETY FOOTWEAR FEATURES

The safety features of the footwear will be clearly marked on the product and can be identified using the codes listed below:

<p><b>S1</b> = <b>SB</b> + E + </p> <p><b>S2</b> = <b>SB</b> + E +  + WRU</p> <p><b>S3</b> = <b>SB</b> + E +  +  + WRU</p> <p><b>S4</b> = <b>PB</b> + E + </p> <p><b>SB</b> = Safety basic – 200 joules toe protection to EN ISO 20345: 2004 &amp; oil resistant outsole.</p>	<p><b>PB</b> = Protective basic – 100 joules toe protection to EN ISO 20346:2004 &amp; oil resistant outsole.</p> <p> = Antistatic - dissipates static electricity between 100KΩ – 1,000MΩ. (1 X 10<sup>5</sup> – 10<sup>9</sup> ohms)</p> <p> = Penetration resistant midsole. Stainless steel plate incorporated in the sole.</p>	<p>WRU = Water resistant uppers.</p> <p>HRO = Heat resistant outsoles. Resistance to hot contact - 300°C for minimum 60 seconds.</p> <p>E = Energy absorbing heel – shock absorption.</p> <p>ORO = Oil resistant outsoles.</p>
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**SECTORS:**

Highly polyvalent model for industry, building, construction, hot ground, humid environments and extreme conditions, mining sector

**TECHNICAL SPECIFICATION:**

**SOLE: VULCASOLE™-9.1**

rubber sole, exception grip, resistance to hydrocarbons and oils, resistance to heat on contact(HRO),self-cleaning sole design

**UPPER:** Pigmented grain leather, burton print, Coagulated foam padded PU collar for comfort  
Metal eyelets,

Safety basic (SB), HRO

**VULCASOLE™-9.1(ANKLE)**

ART/ORDER REF: 3415

Sizes: 5 to 12

TOECAP: 200J steel toecap

**LINING:** Non-woven fabric, highly abrasion resistant

**INSOLE:** Hygienic and comfortable  
Molded Eva insole



Safety basic (SB), HRO

**VULCASOLE™-9.1**

ART/ORDER REF: 3362

Sizes: 5 to 12



**SECTORS:**

Highly polyvalent model for industry, building, construction, hot ground, humid environments, forging and extreme conditions, mining sector

**TECHNICAL SPECIFICATION:**

**SOLE:** VULCASOLE<sup>TM</sup>-9.1 rubber sole, exception grip, resistance to hydrocarbons and oils, resistance to heat on contact(HRO), self-cleaning sole design

**UPPER:** Pigmented grain leather, coagulated foam padded PU collar for comfort, Metal eyelets

**LINING:** Non-woven fabric, highly abrasion resistant, cambrelle fabric

**TOECAP:** 200J Steel toecap

**INSOLE:** Hygienic and comfortable moulded eva insole.

Safety basic (SB), HRO

**VULCASOLE<sup>TM</sup> 9.1 (HIGH ANKLE)**

**ART/ORDER REF: 955**

**Sizes: 5 TO 12**

**SECTORS:** Highly polyvalent model for industry, acid industry, alkalis, extreme conditions, hot ground

**SOLE:** VULCASOLE<sup>TM</sup> ACIDIC rubber sole, exceptional grip, highly resistant to concentrated acids, resistance to heat (HRO), self-cleaning sole design

**UPPER:** Pigmented grain leather, coagulated foam padded Leather collar for comfort, Metal eyelets

**LINING:** Non-woven fabric, highly abrasion resistant, cambrelle fabric

**TOECAP:** 200J Steel toecap

**INSOLE:** Hygienic and comfortable moulded Eva insole



Safety basic (SB), HRO

**VULCASOLE<sup>TM</sup> ACIDIC**

**ART/ORDER REF: 1095 Sizes: 5 to 12**

**SECTORS:**

*Foundry, forging, metallurgy, construction, building, Smelting plants, extreme hot conditions*

**TECHNICAL SPECIFICATION:**

**SOLE:** **VULCASOLE<sup>TM</sup>-9.1** rubber sole with added fire resistant technology, exceptional grip, resistance to hydrocarbons and oils, resistance to heat on contact (HRO), self-cleaning sole design

**UPPER:** Pigmented grain leather, with fast Release buckle system, coagulated foam padded leather collar for comfort, Metal eyelets, Protective leather flap

**LINING:** Non-woven fabric, highly abrasion resistant, cambrelle fabric

**TOECAP:** 200J Steel toecap

**INSOLE:** Hygenic and comfortable moulded eva insole.



Safety basic (SB), HRO

**VULCASOLE<sup>TM</sup> 9.1 FOUNDRY BOOT**

**ART/ORDER REF: 3429**

**SIZES: 5 TO 12**

**HOW TO ORDER:**

We take orders via

Email: [VPROTECT@OWLAK.IN](mailto:VPROTECT@OWLAK.IN)

POST: HIG-87 Ratan Lal Nagar Kanpur-208022, Uttarpradesh, India

Please remember to mention.

- ARTICLE NO./ ORDER REF NO.
- SIZE
- QUANTITY

## **NON-SAFTEY**



**ARTICLE/ORDER REF: ZX-NBR**  
**SIZES: 6 to 12**

**RANGE:**  
**V-CORPORATE (CASUAL)**

**SECTORS:**  
CASUAL WEAR, FASHION  
INDUSTRY

**TECHNICAL SPECIFICATION**  
**SOLE:** Nitrile rubber outsole, oil  
resistant, better grip, classic tread  
design.

**UPPER:** Derby design genuine  
grain cg leather, cushion comfort,  
metal eyelets with nylon laces

**LINING:** comfortable abrasion  
resistant leather lining

**TOECAP:** Toe puff, durable,  
provides stability

**INSOLE:** Abrasion resistant  
Leather insole

**SECTOR:**  
Casual wear, fashion industry

**TECHNICAL SPECIFICATION:**

**SOLE:** Natural rubber, green sole,  
High abrasion resistance, classic  
tread design

**UPPER:** CG Grain leather, comfort  
cushion, classic oxford design

**LINING:** leather lining, abrasion  
Resistant

**TOECAP:** cemented toecap, tough  
look

**INSOLE:** Moulded eva insole



**ARTICLE/ORDER REF: OXFRD-CG**  
**Sizes: 6 to 12**



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