

FORESTAR

Chainsaw Protection



Protection **YOU** Deserve

Why FORESTAR?

Chainsaws have the potential to cause major injuries. It is essential that anyone who uses a chainsaw at work should have received adequate training and be competent in using a chainsaw for the type of work that they are required to do. They are also required to wear appropriate chainsaw protective clothing while using the chainsaw.

FORESTAR chainsaw protective clothing is designed for logging operators, and thanks to its special protective layer, it stops the chainsaw and prevents the person from being harmed.

FORESTAR chainsaw protective clothing is the first EN 381 certified product manufactured in Turkey. Chainsaw protective clothing should be used with the right equipment for full protection. These are chainsaw boots, chainsaw gloves, helmets, visors and ear protectors.

Application Areas

- Arboriculture
- Forestry
- Power Distribution
- Farming

Requirements for protective clothing that protects against chainsaw:

Some of chainsaw PPE are labelled Class 1, Class 2 and Class 3. This labelling defines the chainsaw speed at which that particular item of PPE was tested and therefore the speed at which it can effectively stop the chain. Class 1 products are tested with a chainsaw speed of 20m/s. Class 2 products at 24m/s and Class 3 at 28m/s.

Leg protection is an important piece of PPE when operating a chainsaw and should comply with EN 381-5.

Safety helmet to EN 397. Hearing protection to EN 352-1. Eye protection: Mesh visors to EN 1731 or safety glasses to EN 166.

Upper body protection: Chainsaw jackets should comply with EN 381-11.

Chainsaw Gloves should comply with EN 388 for Mechanical Hazards and EN 381-7 for Handled - Chainsaws protection against chainsaw cuts, thorny material and cold/wet conditions.

Specific requirements for Chainsaw Safety Boots are included in EN ISO 20345:2011.



KIVANÇ
Group

YOU

FORESTAR

ARBOR

829163 - Jacket

www.kivancgroup.com

Model Details

- » Jacket with front flap closed by means of zipper and snap buttons ①
- » Patch pocket with flap on left chest
- » Right chest patch pocket with flap and snap buttons
- » Two patch pockets with flap on jacket hem
- » Cuff adjustment by means of snap buttons ②
- » Orange pieces on shoulders to improve visibility





KIVANÇ
Group

YOU

FORESTAR
TIMBER

848126 - Trousers

www.kivancgroup.com

TIMBER | Trousers

Model Details

- » Bib trousers with elastic suspenders
- » Buckles for suspender height adjustment ①
- » Front flap closed with zipper ②
- » Lateral closure with buttons ②
- » Patch pocket with zipper on chest ③
- » Side pockets
- » Patch pocket with flap on the right of back
- » Two ventilating pockets with zipper on the back
- » Orange pieces on trotters to improve visibility



864

Forestar 225g/m²

Outer Layer: Cotton Polyester

Inner Layer: Chainsaw protective layer covered with 100% cotton lining



EN 381-5
Class 1

SAGE GREEN



ORANGE



KIVANÇ
Group

YOU

FORESTAR
MILES

843147 - Jacket

www.kivancgroup.com

MILES | Jacket

Model Details

- » Jacket with front flap closed by means of zipper and snap buttons ①
- » Patch pocket with flap on left chest
- » Right chest patch pocket with flap and snap buttons
- » Two patch pockets with flap on jacket hem
- » Cuff adjustment by means of snap buttons ②
- » Orange pieces on shoulders to improve visibility



TH040**Gloves****Model Details**

- » Class 0 (16m/s) protection to the left hand, a durable cowhide palm, with reinforcement bar
- » Water resistant & breathable polyester Hi-Vis orange backing

**Material:** Leather & PolyesterEN381 - 7
Class 0**KIVANC
Group****YOU****FORESTAR****TH040 - Gloves**www.kivancgroup.com

HARVIK 9794 | Boots

Model Details

- » Harvik 9794 Chainsaw Boots
- » Vulcanized Rubber Upper and Sole
- » Waterproof
- » Extra comfort with woven cotton canvas
- » Suitable for logging activity
- » Products tested at 24 metres per second of chainsaw's chain speed



EN 17249 : 2013
Class 2

Certification:
CE 0321 EN ISO 20345:2011
SB E FO SRA

ORANGE



BLACK

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Group

YOU

FORESTAR
HARVIK 9794

Boots

www.kivancgroup.com

HAIX PROTECTOR LIGHT 2.0 | Boots

Model Details

- » Light, comfortable allrounder with protective cut-resistance
- » High-quality nubuck leather
- » Meets the cut protection standards of the Class 1 (20 m/sec)
- » Additional rubber cap prevents wear and tear
- » Breathable and water resistant
- » Antistatic and oil/petrol resistant sole



Material: Nubuck leather

Certification:
CE 0193 EN ISO 20345:2011
S3 HRO HI CI WR SRC



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PROTECTOR LIGHT 2.0

604110 - Boots

www.kivancgroup.com

3M PELTOR FORESTRY HELMET KIT

Model Details

- » 3M PELTOR Forestry Helmet Set, suitable for forestry work all the year round, in particular using chainsaws.
- » System combines the proven 3-piece head, face and hearing protection, and this highly visible orange kit includes:
 - » (G3000) safety helmet (EN 397) with 4 point ratchet suspension and UV sensor
 - » Mesh visor (EN 1731)
 - » Helmet mounted ear muffs (EN 352)



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FORESTAR

FORESTRY HELMET KIT

820804011

www.kivancgroup.com

FORESTRY HELMET KIT

Model Details

- » Suitable for forestry work all the year round, in particular using chainsaws.
- » System combines the proven 3-piece head, face and hearing protection, and this highly visible orange kit includes:
 - » Helmet (EN 397)
 - » Visor (EN 1731)
 - » Ear muffs (EN 352)





**Established in 1980, Kivanç Group continues its activities in 4 divisions;
Safety, Engineering, Mining and Technical Textile.**

In Safety Division, personal protective clothing against heat and flame, static discharges, arc flashes, molten metals, welding spatters is produced.

Our company has established the first heat laboratory for personal protective garments in Turkey. Following the second investment that we have made, our physical test laboratory has commenced to provide services. In our heat and physical test laboratory, raw materials (fabrics, accessories etc.,) and finished products (protective garments) are tested in accordance with EN and ISO standards. In our laboratory, which serves for R&D purposes also, new products are developed and all controls are performed before CE certification. These controls enhance product reliability and expedite required processes.

Thanks to the barcode system which have been integrated to our ERP (Enterprise Resource Planning) software that we have been using since 2009, the traceability has been made available and all product processes can be monitored. Depending upon work order number on the label of garments produced by our company, date of production; materials used in that production; date, lot number and supplier of the raw materials could be traced back. We also offer Product Liability Insurance for protective garments we produce. The cost of damages that may arise from the incidents to be encountered by the people using our garments due to material and faulty workmanship have been guaranteed within this insurance.

In Engineering Division, thermal insulation applications to reduce the heat loss are done by using high temperature resistant glass fiber based materials. We manufacture removable insulation pads for turbines, plastic injection molding machines, textile dyeing machines, exhaust parts of vehicles, valves etc. Correct materials are used by calculating the heat loss, minimum thickness of insulation, surface temperature etc. Thermal imaging cameras are used to find the heat loss areas.

In Mining Division, Silica (Quartz) Sand and Musselstone are extracted.

- Silica (Quartz) Sand is used in potable and waste water filtration, in construction chemicals, in railroads as a skid preventing sand, in hippodromes, in pitch and sports fields and in many other fields.

- Musselstone is a compact stone that consists of limestone, silica and fossil sediment (such as clams and mussels). It is in light beige color, highly or partly porous with fossil according to its formation. Musselstone has been used frequently in artistic works that require aesthetic, elegance and art such as interior spaces, coves, columns, jambs, exedras, wall copings, fire places, landscaping, reliefs, crown gates, portal, altars, minibars, birdhouses, benevolence stones. Nowadays, it is used for restoration of historical buildings, and in new buildings, kiosks, villas waterfront residences, garden walls, walking trails, and in similar places.

In Technical Textile Division, we start from fiber and produce our own technical yarns and fabrics.



KIVANÇ Group

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