



SAFETY EQUIPMENT FOR SAFER ENVIRONMENT



GARWARE
TECHNICAL FIBRES



GarSafe

Fall Protection System

Company

Established in 1976

ISO 14001-2015 & 9001-2015
Certifications by BVC, UK



Global presence with customers
spread across 75 countries

Award

“Sports Goods Export Promotion Council”

sponsored by the Ministry of Commerce, Govt. of India.

A B O U T U S

Garware Technical Fibres Ltd. (Formerly Garware-Wall Ropes Ltd) is one of India's leading players in the technical textiles Industry. Established in 1976, the company today multi-geographical footprint & has a presence in various technical textiles industries.

The company is known for providing world class innovative solutions for application in the Safety, Sports, Agriculture, Fishing & many other types of technical textiles industries.

Garware Technical Fibres at a Glance:

- Pioneers of synthetic cordage in India.
- Global presence with customers spread across 75 countries.
- ISO 14001-2015 and 9001-2015 Certifications by BVC, UK.
- R&D Unit recognized by the Department of Science & Technology, Government of India.
- Carries ICRA's 'AA' rating indicating strong financial stability.
- Awarded 'Star Export House' status for many years.
- Received the largest sports goods and sport nets exporter award from the Sports Goods Export Promotion Council, sponsored by the Ministry of Commerce, Govt. of India.
- A dividend paying Public Limited Company since inception. Listed on the Bombay Stock Exchange and the National Stock Exchange of India.

MANUFACTURING FACILITY



Pune factory is strategically located in close proximity to Mumbai & manufacturing facility at Wai is the largest unit in India and spread across 30 acres. We have a strong manufacturing set-up, equipped with the finest and latest technology-driven machinery. Our workforce is skilled, young, and dynamic. We are passionate leaders from the industry who are relentlessly outshining in achieving their goals.



GTFL MANUFACTURING FACILITY

OUR TESTING FACILITY

A well established in-house testing Laboratory carries out tests for static, dynamic and corrosion testing. Each product it produces goes through rigorous examining before being used for the next step.

Our laboratory is continuously engaged in R&D to improve the quality and performance of safety products.



Harness Dynamic Test



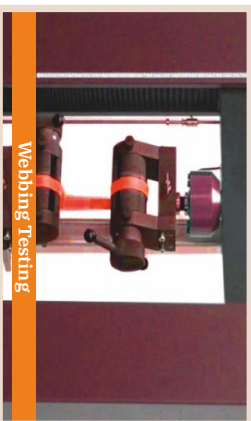
Salt Spray Test Machine



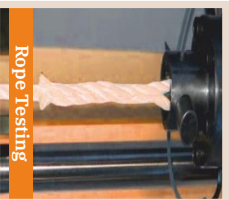
Harness Static Test



Karabiner Testing



Webbing Testing



Rope Testing



Hook Testing



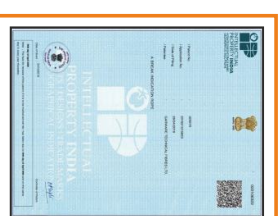
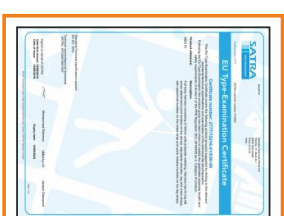
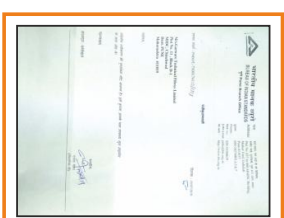
Buckle Frame Testing

PRODUCT CERTIFICATIONS

Under this certification all processes and systems are stringently monitored to deliver quality product at each stage of manufacturing and service.

Product Certification:

Our Certificates have been issued by approved & certified Body SATRA Technology, UK, DEKRA Training and Certification gmbH & Bureau of Indian Standards.



CE European Standards (EN Norms) Certified Product Range

FULL BODY HARNESSES

A Full Body Harness is the ideal body wear that should be worn by a worker, when working at height, since it distributes the force of impact incurred in the event of a fall evenly on the thighs and torso region of the body.

GARSAFE Full Body Harnesses are manufactured to withstand the highest test of International safety standards and is CE certified as stated in the European norms. These harnesses are used in a wide range of applications like fall arrest, work positioning, tower and ladder climbing, suspension and rigging.

GARWARE manufactures a wide range of Full Body Harness, made of High Tenacity Polyester webbing. Since Polyester webbing has the least elongation properties the Harness does not stretch dangerously when subjected to a fall. The wearer hence does not risk slipping out of the Harness.



Provided with Abrasion Indication Webbing for higher safety periodic checks.



Ventral and Sternal attachment D-rings



Comfortable Padding on Shoulders



Automatic Buckles



Full Body Harness with Jacket



CE

GEN-01

A Dorsal attachment D-Ring for Fall Arrest. Adjustable Chest-Strap and thigh-straps for easy adjustment. Ideally positioned sit-strap for extended comfort.

Webbing Width	44mm
Webbing Material	Polyester
Breaking Strength	23 KN
D-ring Position	Dorsal (Back)
Fall Indicator	Yes
Buckle	Alloy Steel with Zinc Plating
Stitching Thread	Polyester
Size of Harness	Universal



Conforms to: EN 361:2002

(Available in customized lanyard length with and without Energy Absorber)

GEN-02

2 Chest attachment textile loops and a Dorsal attachment D-Ring for Fall Arrest. Adjustable Shoulder, Chest and thigh-straps. Ideally positioned sit-strap for extended comfort.

Webbing Width	44mm
Webbing Material	Polyester
Breaking Strength	23 KN
D-ring Position	Dorsal (Back)
Fall Indicator	Yes
Buckle	Alloy Steel with Zinc Plating
Stitching Thread	Polyester
Size of Harness	Universal



Conforms to: EN 361:2002

(Available in customized lanyard length with and without Energy Absorber)



CE



GEN-21

GARSAFE Vest Harness are specially designed into the Fluorescent Orange Vest for higher visibility at night. 2 Chest attachment textile loops and a Dorsal attachment D-Ring for Fall Arrest. Along with all the adjustability features, this Vest Harness has Double Durable zipper for adjustable width to suit all sizes.

Webbing Width	44mm
Webbing Material	Polyester
Breaking Strength	23 KN
D-ring Position	Dorsal (Back)
Fall Indicator	Yes
Buckle	Alloy Steel with Zinc Plating
Stitching Thread	Polyester
Size of Harness	Universal



Conforms to: EN 361:2002

(Available in customized lanyard length with and without Energy Absorber)

GEN-51

Comfortable padding on Shoulder and Automatic Buckles on thigh-straps. Dorsal attachment D-Ring for Fall Arrest. Adjustable Chest-Strap and thigh-straps for easy adjustment. Ideally positioned sit-strap for extended comfort.

Webbing Width	44mm
Webbing Material	Polyester
Breaking Strength	23 KN
D-ring Position	Dorsal (Back)
Fall Indicator	Yes
Buckle	Alloy Steel with Zinc Plating
Automatic Buckle	Alloy Steel Powder Coated
Stitching Thread	Polyester
Size of Harness	Universal



Conforms to: EN 361:2002

(Available in customized lanyard length with and without Energy Absorber)



GEN-52

GARSAFE are Equipped with comfortable Harness and very versatile in its use. **Oil, Water and Dirt Repellent Webbing provides excellent resistance from build up of Oil, Water and Dirt.** One Dorsal & one Sternal D-ring for fall arrest, one Ventral D-ring for Rope Access Work & 2 Lateral D-ring for Work Positioning, adjustable Shoulder, Thigh strap & Waist Belt. Soft Padding on shoulder, waist and leg strap for extended comfort.

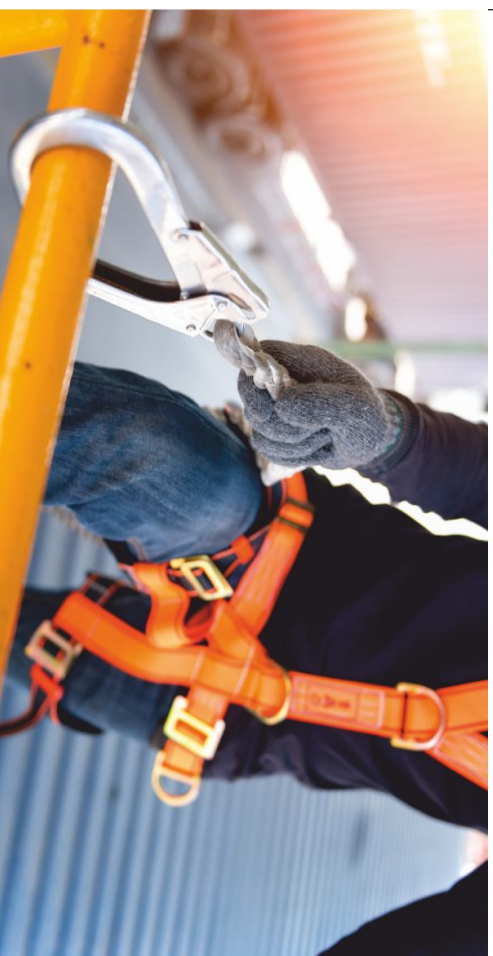


Webbing Width	44mm
Webbing Material	Polyester (Oil, Water & Dirt Repellent Webbing)
Breaking Strength	23 KN
D-ring Position	Dorsal (Back), Sternal (Front) Ventral (Front) & Lateral (Waist)
Fall Indicator	Yes
Buckle	Alloy Steel with Zinc Plating
Stitching Thread	Polyester
Size of Harness	Universal



Conforms to: EN 361:2002, EN 358:2019, EN 813:2008

(Available in customized lanyard length with and without Energy Absorber)





Bureau of Indian Standards (BIS Norms) Certified Product Range

Garware Technical Fibres Ltd. offers a comprehensive range of Full Body Harnesses to suit a vast range of applications and situations.

Genuine BIS Harness with **Flame Retardant Property** to ensure high quality Standard.

3MM Thick Webbing conforming to BIS Norm for high breaking strength.

100% conforming to BIS standards, which comes with all the features of Safety to fight the fatalities of such events.

Equipped with the finest ergonomics and technically sound features, our Full Body Harnesses are the best choice for comfortable and safe usage for work at height.

These harnesses are used in a wide range of applications like fall arrest, work positioning, tower and ladder climbing, suspension and rigging.

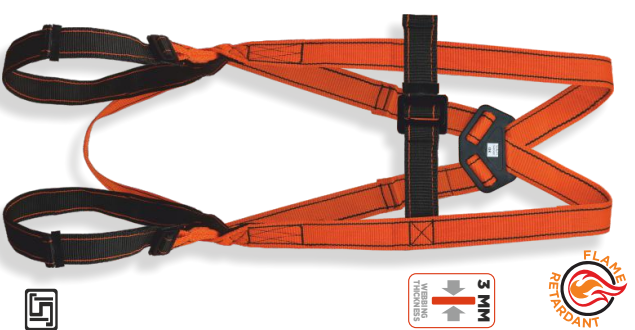
GIS-05 (CLASS A)

A Dorsal attachment D-Ring for Fall Arrest. Adjustable Chest-Strap and thigh-straps for easy adjustment. Ideally positioned sit-strap for extended comfort.

Webbing Width	44mm
Webbing Material	High Grade Industrial Polyolefin group yarn
Breaking Strength	19.6 KN
D-ring Position	Dorsal (Back)
Fall Indicator	Yes
Buckle	Alloy Steel Powder coated
Stitching Thread	Polyester
Size of Harness	Universal

Conforms to: IS 3521:1999

(Available in customized lanyard length with and without Energy Absorber)

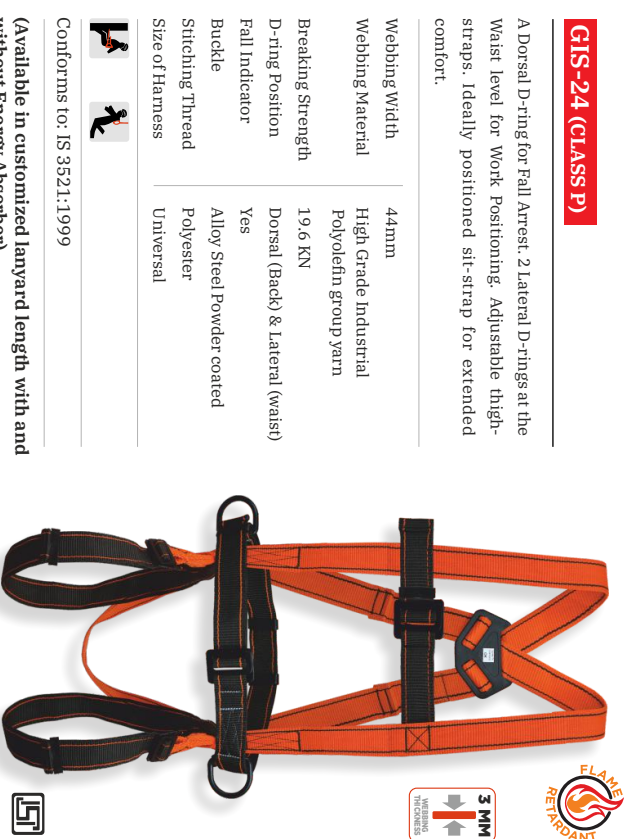


GIS-14 (CLASS D)
2 Chest attachment Powder Coated D-Ring for Ladder Climbing and a Dorsal attachment D-Ring for Fall Arrest. Adjustable Chest and thigh-straps. Ideally positioned sit-strap for extended comfort.

Webbing Width	44mm
Webbing Material	High Grade Industrial Polyolefin group yarn
Breaking Strength	19.6 KN
D-ring Position	Dorsal (Back) & Sternal (Front)
Fall Indicator	Yes
Buckle	Alloy Steel Powder coated
Stitching Thread	Polyester
Size of Harness	Universal

Conforms to: IS 3521:1999

(Available in customized lanyard length with and without Energy Absorber)



GIS-24 (CLASS P)

A Dorsal D-ring for Fall Arrest. 2 Lateral D-rings at the Waist level for Work Positioning. Adjustable thigh-straps. Ideally positioned sit-strap for extended comfort.

Webbing Width	44mm
Webbing Material	High Grade Industrial Polyolefin group yarn
Breaking Strength	19.6 KN
D-ring Position	Dorsal (Back) & Lateral (waist)
Fall Indicator	Yes
Buckle	Alloy Steel Powder coated
Stitching Thread	Polyester
Size of Harness	Universal

Conforms to: IS 3521:1999

(Available in customized lanyard length with and without Energy Absorber)





GIS-26 (CLASS L & P)

2 Chest attachment Powder Coated D-Ring for Ladder Climbing and a Dorsal attachment D-Ring for Fall Arrest. 2 Lateral D-Rings at the Waist level for Work Positioning. Adjustable thigh-straps. Ideally positioned sit-strap for extended comfort.

Webbing Width	44mm
Webbing Material	High Grade Industrial Polyolefin group yarn
Breaking Strength	19.6 KN
D-ring Position	Dorsal (Back), Sternal (Front) & Lateral (waist)
Fall Indicator	Yes
Buckle	Alloy Steel Powder coated
Stitching Thread	Polyester
Size of Harness	Universal



Conforms to: IS 3521:1999

(Available in customized lanyard length with and without Energy Absorber)



Also available with Comfort Waist Pad on request.



LANYARDS

GARSAFE Forked Lanyard allows the user easy movability at height staying tied-off at all times for 100% fall protection. The Forked Lanyards are offered with Shock Absorber as per the needs and requirements of the user. Forked Lanyards are made up of Twisted Ropes. Conforms to EN 355:2002.

Without Energy Absorbing Forked Lanyard are suited only for purpose of restraint, and should not be used for Fall Protection since they do not have any Energy Absorber. Conforms to EN 354:2010.

Work Positioning Lanyards can be connected to the Lateral D-Rings on the Work Positioning Belts or Combination Harnesses and easily adjusted for their lengths to suit the application.



The lanyard comes with Garware's patented Break Indication technology to identify damaged places in the rope which helps in avoiding hazards.



Forked Lanyard with Energy Absorber

GEN-EA-01

- Made of Polyester Twisted Rope (Dia 12mm).
- Length of 1.5 m, 1.8 m, 2.0 m.
- Equipped with 1 Karabiner, Energy Absorber & 2 Steel Scaffold Hooks.
- Conforms to EN 355:2002.

Forked Restraint Lanyard

GEN-LY-01

- Made of Polyester Twisted Rope (Dia 12mm).
- Length of 1.5 m, 1.8 m, 2.0 m.
- Equipped with 2 Steel Scaffold Hooks.
- Conforms to EN 354:2010.

Work Positioning Lanyard with Grip Adjuster

GEN-WPL-01

- Made up of Nylon rope of dia 14mm.
- Has a convenient Rope-grab adjuster for easy length adjustment & Work Positioning.
- Maximum length of 2.0 mtr.
- Easy to connect Steel Karabiners at both the free ends for attachment.
- Conforms to EN 358:2019.