

EN ISO 13688:2013_A1:2021 EN ISO 11612:2015 EN ISO 13911:2017 EN 1149-5:2018

tructions provided.

Upon entering this "Warnings and User Information Guide" for the Bandana, you are confirming that you

READ THIS INFORMATION BEFORE USING THIS BANDANA

have read and fully understood the information and ins-

Do not wear this protective Bandana if you have not read and understood this Guide. This Bandana will not protect you from all hazards under all conditions, so training is necessary to

ensure proper use.

For this Bandana to provide protection, it must be used as part of a complete protective ensemble. It is

your department or organization's responsibility to determine the suitability of this Bandana for its inten-

ded use and to provide a complete and compatible set of equipment. It is recommended to care for, clean, inspect, store,

and maintain this Bandana according to the instructions in this Guide to ensure its effectiveness.

Your protective Bandana is designed to provide limited protection to parts of the head and neck. It acts as an interface device of a properly selected and configured protective ensemble for open-space firefigh-

Firefighting is an

extremely dangerous

activity.

General construction and features.

to properly use this Bandana and/or if you have not read this User Information and Care Guide.

CAUTION - DANGER - WARNING

If this product has been given to you and you are unaware of its limitations or have any doubts, you must report it to your institution or relevant organization.

You may die, suffer burns, or sustain serious injuries

if you do not have the training and knowledge of how

ting and related emergency response activities.

The number of hazards that emergency and firefighting personnel are exposed to in fire scenes and emergency situations is unlimited and constantly changing, making it impossible to list all types of risks you may face.

rrectly, this product will not protect you against all types of exposure or under all conditions; therefore, you must exercise caution to avoid risks during operations. **INSPECTION BEFORE USE**

Your protective Bandana is designed to provide pro-

tection against certain hazards. Even when used co-

This User Information and Care Guide provides infor-

mation and instructions related to the selection, use,

care, and maintenance of your protective Bandana,

but does not indicate when and under what circum-

stances you should use your protective Bandana

Determining the suitability of this product for specific emergency operations is the responsibility of your department or employer, who have the legal respon-

sibility to conduct a risk assessment and decide whether this product provides you with adequate protection against the hazards encountered. In this Guide, you will find basic information on how to properly care for and maintain your protective Bandana in good condition. It also contains certain

additional procedures, including, but not limited to, advanced inspection, advanced cleaning, decontamination, and final disposal, which must be performed only by trained and/or authorized personnel.

Your Bandana has been manufactured to comply with standards EN ISO 13688:2013+, EN ISO 13688:2013_A1:2021, EN ISO 11612:2015, EN ISO 13911:2017, EN 1149-5:2018, for Protective Clothing—General Requirements and Protective Clothing Against Heat and Flame, current at the time of manufacture.

The protective Bandanas by INFOREST SRL are made

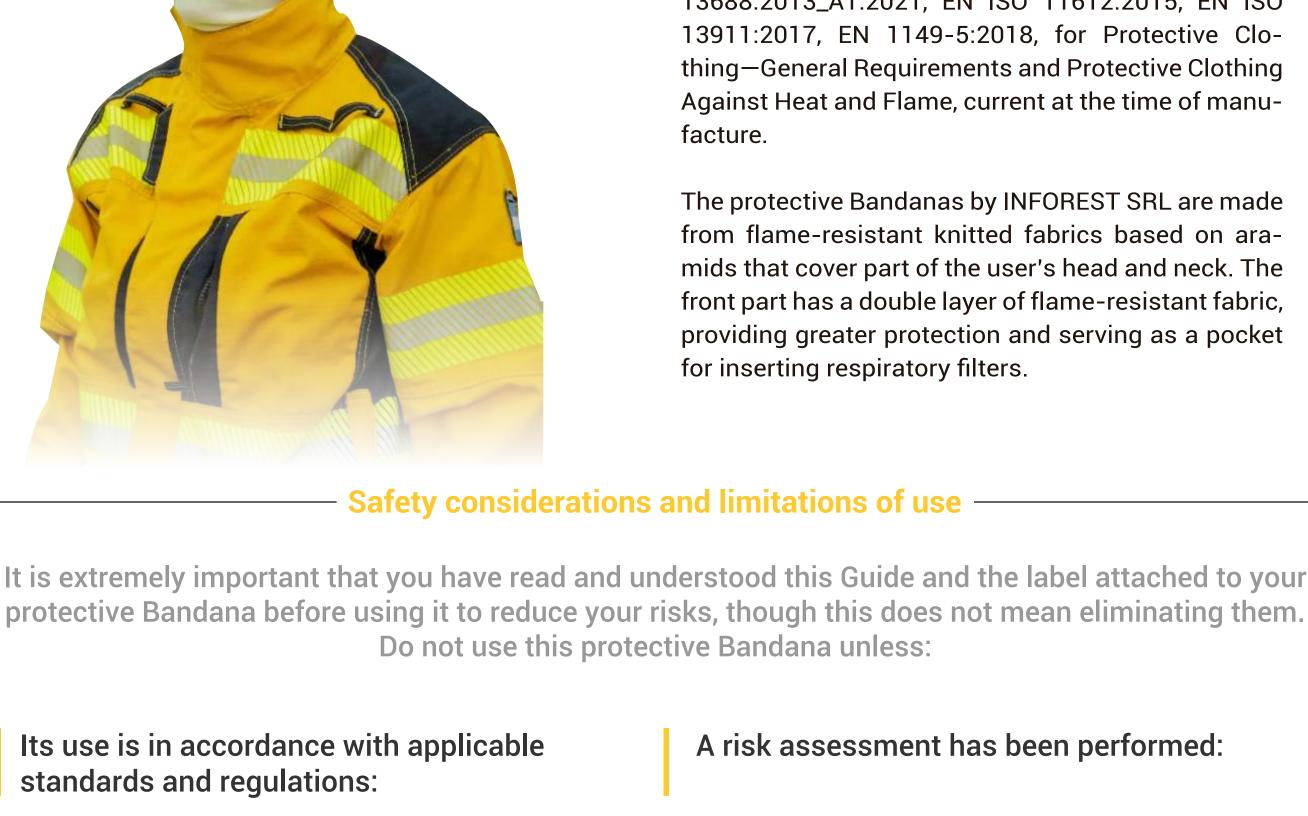
from flame-resistant knitted fabrics based on ara-

mids that cover part of the user's head and neck. The

front part has a double layer of flame-resistant fabric,

providing greater protection and serving as a pocket

for inserting respiratory filters.



The use of this product must be consistent with the safety and hygiene

standards of your department or organization, and any specific regula-

It is advised to be aware of the design, performance, and use limitations

Your Bandana must fit and be worn properly to provide protection to

your face, neck, and head areas not covered by your shirt collar, jacket,

increase your risk of heat stress, causing a heart attack, stroke, dehy-

dration, or other health conditions resulting in injury, illness, or death. It

is critical to seek medical attention at the first sign of heat stress. It is

highly important that you seek medical help immediately at the first

You are aware of diminished heat sensation:

Wearing this protective Bandana may decrease your ability to feel

warmth. The absence of the feeling of external heat or discomfort while

wearing this product may result in sudden burns or injury without war-

trical shock or shield you from all physical hazards such as being pene-

If the Bandana becomes wet, dirty, and/or contaminated, there is a risk

Do not use your protective Bandana if it is contaminated, cut, punctu-

red, worn out, torn, unstiched, or altered from its original condition.

of the standards described on the label of your Bandana.

Your Bandana is correctly fitted:

tions applicable to your area.

and helmet.

sign of heat stress.

cising caution at all times.

of death, burns, or injury.

state/provincial and local regulations. -Its protection limitations are understood:

A risk assessment has been performed:

Your department, organization, or employer has conducted a risk as-

sessment, and in providing this Bandana, has determined that it provi-

des an acceptable level of protection against identified hazards for the

particular emergency operations consistent with applicable national,

You have been trained on how to properly use the Bandana to protect

yourself from the expected exposure and/or risk and understand that

disease, disease or hazards. If your Bandana is exposed to radiant, con-

vective, or conductive heat or comes into contact with a hot environ-

ment or object, you may be burned beneath the Bandana without war-

the Bandana does not provide protection against all hazards.

You are not under thermal stress conditions: You have no burn injuries: Wearing your protective Bandana or any other protective gear may Your protective Bandana will not protect you from burns, injury, illness,

ning. Besides, while wearing this Bandana, the feeling of heat, any discomfort, or unusual feeling may indicate that you have already been burned or are about to be burned. You must be constantly aware and alert to the possibility of overexposure to heat and other hazards, exer-

trated, cut, or torn by sharp surfaces or objects.

You are aware of additional hazards: You have a complete set: Your Bandana is effective only when properly worn, which requires This product, even if kept clean and dry, may not protect you from elec-

ces.

Your Bandana must be inspected, cleaned, stored, and properly maintained according to the recommendations in this Guide, those of your department, organization, or employer, and in accordance with applicable national standards and state and local regulations. Any dirt, contamination, damage, or alteration that could compromise the Bandana's integrity and protection must be grounds for removing it from service and prohibiting its **WARRANTY:**

Vapor barrier: Being designed for use in open spaces, your Bandana is not equipped

with a barrier material. This item does not protect against liquid expo-

sure to the head, face, or neck area and, therefore, does not protect

against chemical, radiological, or biological hazards that can cause

death, injury, and/or illness. Water and other liquids may enter through

the openings between the Bandana and other protective gear interfa-

In addition, this Bandana does not provide protection against hazar-

proper interfacing with your clothing and helmet. This product is part of

a complete ensemble that must include appropriate items for your ove-

rall protection, and it is up to your organization or department to con-

duct risk assessments and determine which elements to use.

dous vapors or gases, liquefied gases or cryogenic liquids.

ning and without any visible signs of damage to the exterior.

If you are unfamiliar with its care and maintenance:

Read carefully the warranty and information at the end of this Guide. If the label is

These Bandanas must not be altered to fit aftermarket accessories. Any modification

or addition will void the warranty and certification of compliance with the standards

listed on the printed label of your Bandana. The only modification allowed is the following: Marking recommendation: If allowed by your department or organization, for identification purposes only, you may mark your protective Bandana in areas not exposed during normal use or on the product's internal printed label in the "Property of ______" section. When marking, use a permanent markerand ensure not to cover or obscure any infor-

mation on the product's label.

use.

This garment is not guaranteed to fit a particular purpose.

Alterations/Modifications/Marking Recommendations

missing or unreadable, contact Inforest SRL for further instructions.

All protective Bandanas from INFOREST SRL are offered in one universal size. Follow the fitting instructions provided in Size: the next section to ensure proper use of this product. Representative samples of your protective Bandana, including the fabric and thread used in its manufacture, have been Design and tested according to a series of design and performance requirements as outlined in the standards EN ISO 13688:2013+, Performance EN ISO 13688:2013_A1:2021, EN ISO 11612:2015, EN ISO 13911:2017, EN 1149-5:2018, for Protective Clothing-General Requirements: Requirements and Protective Clothing Against Heat and Flame, current at the time of manufacturing. The referenced requirements include dimensions, flame resistance, thermal protection performance, heat and thermal shrinkage resistance, thread melting, label durability, material tear strength, seam strength and shrinkage when washed. It is important to note that performance requirements and properties cannot be evaluated in the field, so if you have any questions, please consult your department or organization, which in turn can contact Inforest SRL.

Inspection

before the

first use:

Routine

Fitting

Follow these steps

Interface Issues

and Adjustment

Recommendations:

UNCONTAMINATED

it sits around your neck.

nufacturer's instructions.

Preventive measures/

Cleaning precautions:

can severely damage

Improper cleaning

Machine Washing

Choose a washing machine desig-

nated for cleaning protective clo-

thing. While top-loading machines

can be used, front-loading washer-

s/extractors are preferred as they

are less likely to physically damage

the clothing and can be program-

med for specific water levels, tem-

peratures, and times.

}Instructions:

this product.

over your head.

instructions.

Remove your helmet first, according to the helmet manufacturer's

Pull the head opening area of your protective Bandana down until

If a filter has been installed, remove it and dispose of it per the ma-

to put on this product:

inspections:

INSPECTIONS Your department or organization should have a systematic and regular compliance monitoring and maintenance program with scheduled inspections of your protective Bandana.

Complete documentation of these inspections must be archived.

It is recommended to inspect your Bandana before its first use and after each use.

Mechanical damage such as, but not limited to, tears, holes, fraying, or cuts.

Seam and stitch integrity, ensuring no broken, cut, or missing threads, stitches, or seams.

Unusual appearance or characteristics, such as, but not limited to, fabric weave openings.

INSTRUCTIONS OF USE

Place your protective Bandana over your head

with the double-layered fabric facing your face,

ensuring the filter pocket is on the upper side

and that the label is positioned on the inner

If desired, place and adjust a filtering mask wi-

thout its straps into the front pocket. Be sure to

read and understand the usage limitations of

are needed with the protective Bandana. If so,

determine the most appropriate model based on

identified risks and provide training on its usage

limitations to reduce the risk of death by as-

Remember, masks and bandanas do not provide

protection against low oxygen levels, toxic, har-

mful, or poisonous gases in the atmosphere

Head opening elasticity: ensure the head opening remains elastic and has not overstretched.

Label legibility: labels should not be removed, and the information or markings must be legible.

After inspection, if any of the above conditions occur, promptly notify your department or organization

supervisor, and request an evaluation of the continued serviceability of your Bandana. Given the cost

This inspection should be performed by an individual in your department or organization who has been trained in advan-

ced inspections, by an Inforest SRL-approved distributor or by the manufacturer's personnel. Complete and written do-

Ensure the lower part of your protective Banda-

na is spread across the upper torso. Tuck it un-

derneath your protective shirt or jacket when

the collar is properly fastened according to the

Place the top edge of the Bandana so that it

covers all areas of your face and neck that you

Put on and adjust your helmet according to the

manufacturer's instructions, ensuring that its po-

sitioning does not interfere with the Bandana and

does not reduce the protection level of any inter-

clothing manufacturer's instructions.

wish to protect.

facing elements.

If this protective item has been contaminated with blood, bodily fluids,

pesticides, chemicals, or other hazardous substances, exercise extreme

Do not touch the surface of your Bandana with bare hands; use biose-

Remove your Bandana by holding both hands under your chin, lifting

it up and over your head toward the back, avoiding bringing the conta-

It is important to keep this product clean, free from contamination, and stored

properly at all times. The use of soiled or contaminated protective Bandanas

may cause serious or long-term health hazards. Many contaminants can

adhere to the fabric and be absorbed through the air or skin, and many are car-

cinogenic or flammable. Dirty protective Bandanas do not provide adequate

performance or protection. When properly cleaned and maintained, Bandanas

ning fabric softener.

items.

use heat.

Do not use fabric softener or detergents contai-

Wear protective gloves and splash protection for

eyes and/or face when cleaning contaminated

The drying machine temperature should not

exceed 30 °C (86 °F); it is recommended not to

Unless otherwise indicated, do not

load the machine to more than

80% of its rated capacity. Over-

loading will result in inefficient

cleaning.

Inspect the Bandana. If necessary,

rewash or send it for advanced

cleaning procedures.

Iron at a low temperature of 110 °C. (230 °F).

Do not dry or store in direct sunlight.

will continue to offer protective properties, but not indefinitely.

Your protective Bandana must fit properly and not interfere with other ensemble elements to ensure adequate

CONTAMINATED

caution when removing it.

reusing this product.

CARE, MAINTENANCE, CLEANING,

AND STORAGE INSTRUCTIONS

curity gloves.

Thermal damage such as, but not limited to, charring, burns, melting,

After each use, inspect your protective Bandana to find:

- Dirt and/or contamination.

and discoloration of any layer.

Before using the Bandana for the first time, make sure that it does not have any manufacturing defects or damage when put into service.

of this protective item, repair or patching is generally not recommended. **Advanced** Your protective Bandana should undergo a more thorough inspection at least every 12 months, after each advanced cleaning, or whenever there is a concern about its condition for continued service. inspections:

> back side. Push your head through the Bandana opening so that it slides down your neck with the filter pocket facing forward.

cumentation of these inspections must be archived.

the chosen mask in the manufacturer's instructions beforehand. It is your department's or organization's responsibility to perform a risk assessment and determine if additional masks or accessories

phyxiation or suffocation.

where you work.

protection. The Bandana should contain your chosen mask but not restrict breathing through it. The lower part of this product must be tucked inside the protective shirt or jacket collar and should not remain outside during use.

minated area in front of your face. You may seek assistance to Remove the protective Bandana by gently pulling and sliding it remove the Bandana and other parts of your ensemble to minimize exposure to any contaminants. Inspect your Bandana as outlined in the "Inspections" section. Avoid spreading contaminants to personal belongings, indoor spaces, and vehicles. Any damage should be corrected and controlled before Clean and store the product as specified in these instructions.

Do not use chlorine, bleach, or detergents contai-

ning chlorine. These substances compromise

the protective qualities of your Bandana by rapid-

Do not dry clean, wash in industrial or commer-

cial laundries, or wash with personal items in the

It is recommended to use a regular mild deter-

The water temperature should not exceed 30 °C

hook/loop tape can damage the Bandana.

ly degrading its materials.

gent and dry in the shade.

same load.

machine:

residue or material is stuck to the

Bandana fabric, remove the item

from service until it can be remo-

ved and restored to service condi-

tions.

Use a regular mild detergent a

The process for removing your Bandana depends on whether it is:

(86 °F), as hot water may shrink or slightly discolor the garment. Avoid spin-drying the garment.

> Follow these procedures when machine washing or using a domestic washing Pre-treat heavily soiled or stained Brush off any loose residue. If any

Washing machines and dryers can be used, but only under the following specified conditions:

If washing your Bandana with other protective garments, do so only with inner layers or barriers.

areas with mild detergent.

Never wash the Bandana with the outer layers of protective ensembles, as accessories and

well-ventilated, cool, shaded quantity according to the detergent supplier's instructions. place. Direct sunlight is not recommended.

Dry at low temperature or in a

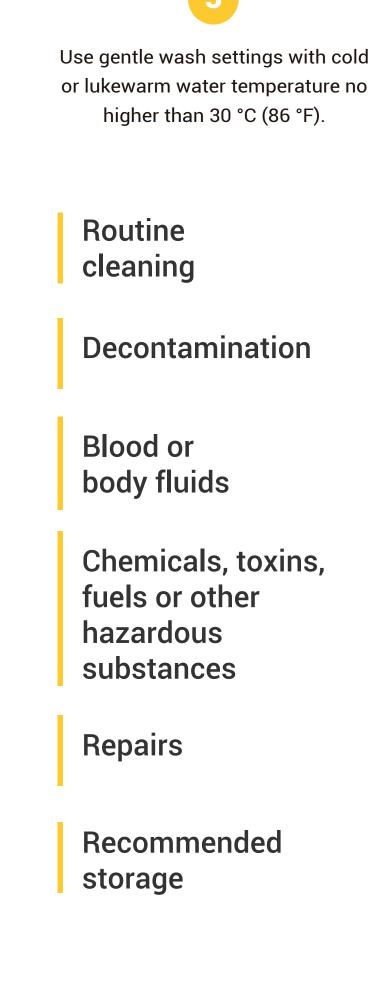
The procedure depends on the type and level of contamination. Do not use a contaminated protective Banda-

If this occurs, set aside the Bandana and inform your supervisor, department, or organization, as advanced

and request a new Bandana as a replacement. Store the Bandana only when it is clean, dry, and free of contamination. Storing this product while wet promotes the growth of germs, bacteria, fungi, or other harmful substances that can cause skin irritation, rashes, and/or illness. Moist conditions can also lead to the deterioration of the Bandana's materials. Keep this product away from potential contaminants such as oils, greases, or other chemicals. Store it in a dry, clean, and ventilated area, away from direct sunlight and sharp tools or objects. Do not store your Bandana in a stretched or tensioned position, or alongside personal items, personal clo-

Do not attempt to repair this product. If it is damaged, inform your supervisor, department, or organization

sed of by your department or organization in accordance with national, state, provincial, or local regulations and depending on the type of contaminant. For example, it can be cut into pieces in a way that it cannot be reused. If you are injured or burned while wearing your protective Bandana, your department must remove and retain it for an appropriate period as determined by your department or organization.



In this case, it is important to isolate immediately and remove the Bandana from service. Take extreme caution to avoid contaminating other garments or items by involuntarily contacting the contaminated area. Immediately inform your supervisor, department, or organization.

Clean this product after each use or whenever it becomes dirty.

na until it has been verified to be free from contamination.

cleaning with specialized procedures is required.

thing, or intimate apparel. It is not advisable to store your Bandana in the pocket of your protective coat or pants, as this could cause contamination and/or damage.

> CONTINUOUS SERVICE, REMOVAL FROM SERVICE, FINAL DISPOSAL, LIFESPAN The decision to keep your protective Bandana in service should be made by a qualified person within your department or organization. If you are in doubt about your protective Bandana and its condition, immediately report this concern to your supervisor, department, or organization. Any Bandana that is deemed unable to provide protection and determined to be removed from servi-

signed, including the use of abrasive accessories such as improperly label inside your protective Bandana indicates the month and year it fitted filters or voice amplifiers. This warranty replaces all other warranties, express or implied, including but not limited to implied consumer protection and fitness for particular purposes. Inforest SRL shall not be liable for incidental or consequential damages.

WARRANTY

Inforest SRL warrants its protective Bandana to be free from defects in materials and workmanship for one year. This warranty does not cover normal wear and tear or overexposure beyond the limits of the required tests, or uses for which it was not de-

ce due to damage, contamination, or other unsafe conditions should be dispo-

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Service life The lifespan of a protective Bandana is generally less than 10 years. Regardless of when it was originally purchased, it must be routinely inspected and replaced when damaged, when it no longer meets current regulations, or when it reaches 10 years. The manufacturing date on the

was made.