



WILDLAND FIREFIGHTING



2025 / 2026



The SAFCO and INFOREST product range for Wildland Firefighting

SAFCO ITALIA designs and manufactures all its garments using raw materials and accessories that are 100% MADE IN ITALY, offering its customers the highest quality and advanced technologies.

Garments, undergarments, gloves, and footwear are produced in compliance with the current regulations on Wildland Firefighting.



INFOREST IBERICA has been designing, manufacturing, and selling solutions for the firefighting, wildland fire, and rescue sectors for 20 years, with a strong focus on the development of new technologies.

The creation of devices that best adapt to the extreme working conditions of Firefighters and Forest Service operators is a cornerstone of the company's policy.





GARMENTS & ACCESSORIES

Complete protection from head to toe

From flame-resistant garments to technical accessories, every item is designed to ensure comfort, safety, and reliability in the most extreme conditions. A complete range of clothing and equipment created for those who face fire and emergencies every day.

COMBAT Suit



COMBAT model overall made of intrinsically fireproof, Rip-Stop (anti-tear), IOR (water and oil repellent) fabric. Composition: 93% meta-aramid, 5% para-aramid, 2% antistatic fiber of 180 g/m2. Oeko-tex®.

One-piece suit with “raglan” sleeves to ensure maximum arm mobility, reinforced with double-layer fabric at the elbows and forearms, and adjustable elastic wrist cuffs. High AMERICA-style collar (high protection) with throat guard closure secured with Velcro® F.R.

Front closure with a double-slider brass zipper, protected by an outer flap fastened with Velcro® F.R. and an inner flap.

The suit features one chest-mounted radio pocket with Velcro® F.R. flap closure and a double chest strap with special Velcro closure for a flashlight.

Two large triple-pleat thigh pockets with flaps secured by Velcro® F.R.

Enhanced protection with double-layer fabric at the elbows, knees, and groin area. Elasticized sides.

Elasticated leg hems with brass zipper closure protected by a Velcro® F.R. flap, wear-resistant edge in silicon-coated carbon Kevlar, and an internal anti-thorn gaiter made from the same material as the suit.

The suit is equipped with certified high-performance yellow bands (fluorescent and retroreflective), 5 cm wide, positioned on: double sleeve circumference, chest circumference, and double leg circumference.

All seams are stitched entirely with meta-aramid thread, using double-needle structural stitching.

SIZES: from S to 3XL

COLORS: Orange **cod. 80.0104.047** - Navy Blue **cod. 80.0104.046** - Two-tone Blue/Yellow **cod. 80.0104.048**

Customization available on request

STANDARDS

EN ISO 15384:2022 (Garments for Firefighters specialized in wildland firefighting) **UNI EN ISO 11612:2015 A1-A2-B1-C1** (Thermal hazards) **UNI EN 1149-5:2018** (Anti-static) **EN 13688:2013** (General requirements)
PPE of III Category

Suit SC 530

Set composed of: Jacket and Pants, made with Rip-Stop meta-aramid fabric (tear-resistant) IOR (water- and oil-repellent) 93% meta-aramid, 5% para-aramid, 2% antistatic fiber, approx. 185 g/m², Oeko-Tex® certified. The entire suit is stitched with NOMEX® thread, and the main seams are double-needle.



Jacket SC 530 ●cod. 80.0101.054 ●cod. 80.0101.044

- Raglan sleeves.
- Sleeve cuffs with slit and Velcro® F.R. fastening.
- Mandarin collar with rear neck protection, front closure with Velcro® F.R.
- Front closure with brass separating zipper, protected by an outer flap secured with Velcro® F.R. and a zipper guard.
- Elastic flame-blocking waistband.
- Pockets: 2 front welt pockets covered with flaps secured by Velcro® F.R.
- Certified F.R. yellow reflective bands on the chest, back, and forearms.

Pants SC 530 ●cod. 80.0102.034 ●cod. 80.0102.039

- High 5 cm waistband with 6 cm belt loops, elastic inserted at the back.
- Front fly with brass zipper closure, protected by a flap.
- Pockets: 2 French-style pockets with protective flaps secured by Velcro® F.R.; 2 pleated side pockets with flaps fastened by Velcro® F.R.; 1 rear right pocket with flap closure.
- Leg hem opening with zipper protected by an additional flap.
- Boot cover gaiter with ankle elastic.
- Certified F.R. yellow reflective bands on the leg hems.

SIZES: from S to 3XL

COLORS: Orange, Blue

Customization available on request

STANDARDS

EN ISO 15384:2020 (Garments for Firefighters specialized in wildland firefighting) **EN ISO 11612:2015 A1-A2-B1-C2** (Thermal hazards) **EN 1149-5:2018** (Anti-static) **EN 13688:2013** (General requirements)

PPE of III Category

Suit SC 550



Set composed of: Jacket and Pants, made with Rip-Stop meta-aramid fabric (tear-resistant) IOR (water- and oil-repellent) 93% meta-aramid, 5% para-aramid, 2% antistatic fiber, approx. 185 g/m², Oeko-Tex® certified. The entire suit is stitched with NOMEX® thread, and the main seams are double-needle.

Jacket SC 550

● **cod. 80.0101.049** ● **cod. 80.0101.020**

- Raglan sleeves.
- Sleeve cuffs with adjustable strap secured with Velcro® F.R.
- High AMERICA-style protective collar with throat guard closure and strap secured with Velcro® F.R.
- Front closure with brass and NOMEX® zipper, protected by outer and inner flaps.
- Adjustable internal waist drawstring with flame-resistant cord.
- Pockets: 2 side pleated pockets with flaps secured by Velcro® F.R.; 2 upper chest pockets with flaps secured by Velcro® F.R.
- Certified F.R. yellow reflective bands on the chest, back, and biceps.

Overall SC 550

● **cod. 80.0102.034** ● **cod. 80.0102.039**

- Adjustable elastic shoulder straps with quick-release buckles, elasticized waistband.
- Front fly with brass and NOMEX® zipper, protected by a flap.
- Pockets: 2 pleated side pockets, 1 pleated radio pocket on the bib with flap secured by Velcro® F.R.
- Leg hem opening with zipper protected by a flap.
- Boot cover gaiter with ankle elastic.
- Certified F.R. yellow reflective bands on the leg hems.

SIZES: from S to 2XL

COLORS: Orange, Blue

Customization available on request

STANDARDS

EN ISO 15384:2020 (Garments for Firefighters specialized in wildland firefighting) **EN ISO 11612:2015 A1-A2-B1-C1** (Thermal hazards) **EN 1149-5:2018** (Anti-static) **EN 13688:2013** (General requirements)

PPE of III Category

SAHARA Suit



Set composed of jacket and pants, made entirely from $185 \text{ g/m}^2 \pm 5\%$ aramid fabric, consisting of: 93% meta-aramid, 5% para-aramid, 2% antistatic fiber, Oeko-Tex® certified. Fabric features RIPSTOP tear-resistant construction with water- and oil-repellent treatment.

Cut- and wear-resistant reinforcements applied to elbows, knees, shoulders, ankles, sleeve hems, and pant hems, made from 380 g/m^2 silicone-coated para-aramid fabric. The entire suit is stitched with 100% meta-aramid thread using double-needle seams.

Jacket SAHARA cod. 80.0101.082

- Raglan sleeves with elasticized cuffs and adjustable strap closure.
- Reinforcements on shoulders, elbows, and sleeve hems in silicone-coated, waterproof, and wear-resistant fabric.
- High AMERICA-style collar with throat guard closure using a covered strap.
- Front closure with flame-resistant quick-release zipper, protected by outer and inner flaps.
- Extended back (tail) for enhanced back protection.
- Pockets: 2 lower front pleated pockets with zippers, 1 radio pocket on the left chest, 1 flashlight holder with Velcro® strap on the right side.
- TRIM-style yellow and gray reflective bands positioned on the jacket hem, chest, sleeves, arms, and back (with 2 longitudinal bands).

Pants SAHARA cod. 80.0102.058

- High 5 cm waistband with 5 belt loops, elasticized sides.
- Fly with aramid fabric zipper and protected snap button.
- Pockets: 2 pleated cargo pockets on the thighs with Velcro® F.R. flap and silicone-coated fabric pulls; 2 French-style side pockets with Velcro® F.R. closure and silicone-coated fabric pulls.
- Reinforcements: pre-shaped knees in silicone-coated fabric + double-layer cut-resistant protection; reinforced perineum area.
- Elasticized leg hems with adjustable Velcro® F.R. strap, reinforced with waterproof and wear-resistant aramid fabric.
- TRIM-style reflective bands on the leg hems.

SIZES: from S to 3XL

COLORS: Sand (only on request: Navy Blue; Orange)

Customization available on request

STANDARDS

EN ISO 15384:2022 (Garments for Firefighters specialized in wildland firefighting) **EN 1149-5:2018** (Anti-static) **EN 13688:2013** (General requirements)

PPE of III Category

Fireproof Underwear

Flame-resistant, antistatic underwear made from interlock knit fabric composed of: 50% F.R. Viscose, 49% aramid fiber, 1% antistatic fiber.

Weight: 200 g/m². Seams stitched with aramid thread.

Knitted fabric with antibacterial finish, compliant with **UNI EN ISO 20473:2013**.



Long-Sleeve Shirt

- High collar.
- Raglan sleeves.
- Elasticized cuffs.

● cod. 80.0105.001 ● cod. 80.0105.002

Short-Sleeve Shirt

- Crew neck.

● cod. 80.0105.007 ● cod. 80.0105.008

Long Pants

- Elastic waistband.
- Elasticized ankles.

● cod. 80.0105.007 ● cod. 80.0105.008



SIZES: from S to 3XL

COLORS: Écru, Blue

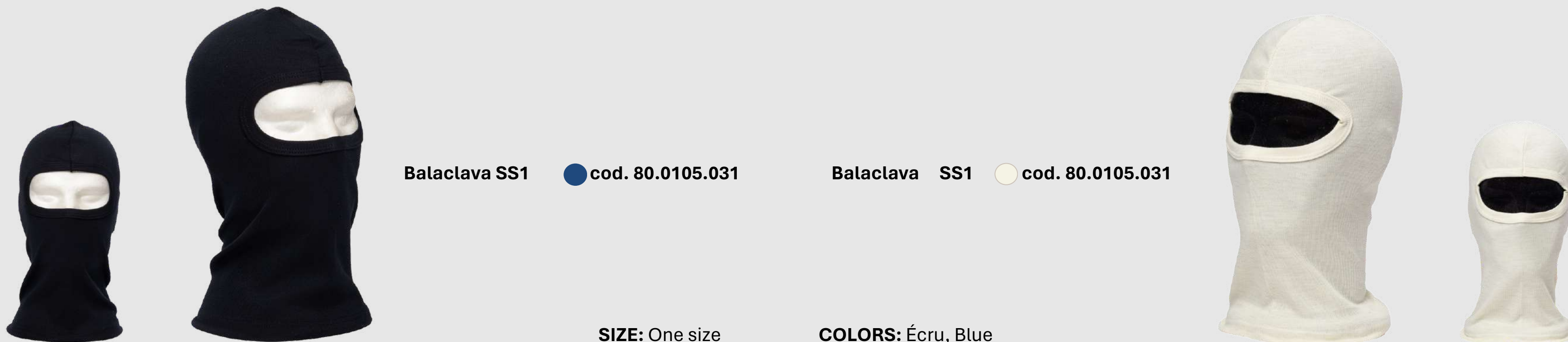
STANDARDS

EN ISO 11612:2015 A1-B1-C1-F1 (Thermal hazards) **EN 1149-5:2018** (Anti-static) **EN 13688:2013** (General requirements)

PPE of II Category

Balaclava SS1

Made from 200 g/m² interlock knit, providing excellent comfort without restricting either vision or hearing.
Constructed from flame-resistant, antistatic knit fabric composed of: 50% F.R. Viscose, 49% aramid fiber, 1% antistatic fiber.
Weight: 40 g.
Knitted fabric with antibacterial finish, compliant with **UNI EN ISO 20473:2013**.



The SS1 balaclava is a **Category II PPE**, designed to be used as a firefighting accessory in combination with a helmet.

STANDARDS

EN ISO 11612:2015 A1-B1-C1-F1 (Thermal hazards) **EN 1149-5:2018** (Anti-static) **EN 13688:2013** (General requirements)
PPE of II Category

Balaclava SS2 & SS2+

Made from double-layer flame-resistant, antistatic interlock knit fabric, 200 g/m², composed of: 50% F.R. Viscose, 49% aramid fiber, 1% antistatic fiber. Provides excellent comfort without restricting either vision or hearing. Extended coverage over the shoulders and chest increases neck protection. Front opening allows the use of a full-face mask. The **PLUS version** features extended fabric at both the front and back for enhanced protection. Knitted fabric with antibacterial finish, compliant with **UNI EN ISO 20473:2013**.



Balaclava SS2 ● cod. 80.0105.032
Weight: 133 gr +/- 5%

Balaclava SS2 ● cod. 80.0105.029
Weight: 133 gr +/- 5%



Balaclava SS2+ ● cod. 80.0105.035
Weight: 166 gr +/- 5%

Balaclava SS2 + ● cod. 80.0105.034
Weight: 166 gr +/- 5%



SIZE: One size

COLORS: Écru, Blue

STANDARDS

UNI EN 13911:2017 (Protective Clothing for Firefighters) **EN ISO 11612:2015 A1-B1-C1-F1** (Thermal hazards) **EN 1149-5:2018** (Anti-static) **EN 13688:2013** (General requirements)

PPE of III Category

Balaclava SS3

Made from double-layer flame-resistant, antistatic interlock knit fabric, 200 g/m², composed of: 50% F.R. Viscose, 49% aramid fiber, 1% antistatic fiber.

Provides excellent comfort without restricting either vision or hearing.

Features a double opening for the eyes only.

Weight: 76 g.

Knitted fabric with antibacterial finish, compliant with **UNI EN ISO 20473:2013**.



Balaclava SS3



cod. 80.0105.033

Balaclava SS3



cod. 80.0105.030



SIZE: One size

COLORS: Écru, Blue

STANDARDS

UNI EN 13911:2017 (Protective Clothing for Firefighters) **EN ISO 11612:2015 A1-B2-C1-F1** (Thermal hazards) **EN 1149-5:2018** (Anti-static) **EN 13688:2013** (General requirements)

PPE of III Category

Neck Protector SAFTEX

Made from 200 g/m² flame-resistant, antistatic interlock knit fabric, composed of: 50% F.R. Viscose, 49% aramid fiber, 1% antistatic fiber.

Seams stitched with aramid thread.

Weight: 170 g.

Knitted fabric with antibacterial finish, compliant with applicable standards **UNI EN ISO 20473:2013**.



Neck Protector  cod. 80.0205.005

Neck Protector  cod. 80.0205.004



SIZE: One size

COLORS: Écru, Blue

STANDARDS

EN ISO 11612:2015 A1-B1-C1-F1 (Thermal hazards) **EN 1149-5:2018** (Anti-static) **EN 13688:2013** (General requirements)

PPE of II Category

AIB SAFTEX Glove

Five-finger glove with full-grain cowhide leather palm, liquid-repellent.

Back and 18 cm cuff made of meta-aramid fabric lined with meta-aramid knit; back of the hand reinforced with full-grain leather over the knuckles.

Lower palm features a vein-protection leather reinforcement; elasticized back.

Seams stitched with Kevlar® thread.

Cuff adjustment with Velcro® F.R. strap.

Equipped with a belt attachment system.



AIB Glove

● cod. 80.0302.050

AIB Glove

● cod. 80.0205.004



SIZE: from 7 to 12

COLORS: Orange, Navy Blue

STANDARDS

UNI EN ISO 21420:2024 (Protective Gloves) **UNI EN 388:2019** (Mechanical hazards) **UNI EN 407:2020** (Thermal hazards) **UNI EN 659:2008** (Firefighter Protective Gloves)

[EN 659 – Certification in progress]

PPE of III Category

GPSP Glove

Designed to provide effective protection against heat and flames.

Made from water-repellent cowhide leather, fully lined with cotton/aramid fleece; cuff made of gray suede leather with Velcro closure.

Elastic band inside the upper cuff area.

Seams stitched with 100% polyamide thread, featuring arterial protection.

Length: approximately 340–400 mm.



SIZE: from 7 to 12

CODE: 80.0302.058

STANDARDS

UNI EN ISO 21420:2020 (Protective Gloves) **UNI EN 388:2016 + A1:2018** (Mechanical hazards) **UNI 407:2020** (Thermal hazards) **UNI EN 659:2003 + A1:2008** (Firefighter Protective Gloves)

PPE of III Category

TYTAN NEO Helmet



Helmet suitable for firefighting, technical rescue, road accidents, mountain and water (river) operations, as well as for AIB use and water sports.

Ergonomic and lightweight design offering excellent protection and exceptional functionality, with maximum safety levels.

Full protection in extreme temperatures (-30°C to +50°C):

- Impact absorption
- Penetration resistance: steel ball at 120 m/s
- Lateral crushing resistance
- Resistance to hot liquid and solid chemical agents
- Protection against brief contact with electrical cables (up to 440 V)

All external helmet components and chin straps are flame-resistant.

Available with panoramic visor(**EN 14458:2018, EN 171:2002, EN 166:2001**) or protective goggles (**EN 166:200, EN 170:2005**).

Comfort version available with internal padding and aramid lining.



COLORS: Red, Black, White, Yellow (Available on request in photoluminescent colors)

Customization available on request

CODES

TYTAN NEO with neck protector only	80.0202.064
TYTAN NEO with goggles and neck protector	80.0202.066
TYTAN NEO with transparent visor and neck protector	80.0202.065

STANDARDS

EN 16471:2014 (Wildland Firefighting Helmets) **EN 16473** (Technical Rescue Helmets) **EN 397:2012 + A1**(Industrial Safety Helmets) **EN 443:2008** (Structural Firefighting Helmets)

EN 1385:2012 (Water Sports Helmets)

PPE of III Category

FIAMMA Boot

Firefighting Boot – Type C (Calf-High) made of soft black full-grain leather, 1.8–2.0 mm thick, with water-repellent treatment.
Internal lining made of WINDTEX fabric: hypoallergenic, breathable, and water-repellent.



Main Features:

- Padded upper leather collar
- Anti-perforation insole made of multilayer MATRIX fabric (Kevlar)
- Anatomical footbed in THINSULATE
- Steel protective toe cap with 200 J resistance (optionally without toe cap)
- Special abrasion-resistant toe cap construction
- Closure laces made of inherently flame-resistant aramid fiber
- Central reinforced zipper for quick removal
- Internal THINSULATE footbed
- Non-slip nitrile rubber sole, optimally sculpted for rough terrain
- High heat resistance >300°C
- Maximum cold insulation
- Resistant to oils and hydrocarbons
- Ankle protection with double reinforcement and padding; side reinforcement with anti-perforation fabric
- Rear inserts in yellow flame-resistant reflective fabric
- Tongue and rear gusset for maximum comfort

SIZE: from 35 to 49

HEIGHT: 27 cm (Size 42)

WEIGHT: 2,08 Kg / pair (Size 42)

With toe cap - cod. 80.0403.008

Without toe cap - cod.80.0403.012

STANDARDS

With toe cap - EN 15090:2012 F2 A SRC HI3 AN CI T

Without toe cap - EN 15090:2012 F1 PA SRC HI3 AN CI R

PPE of III Category



FIAMMA 200 Ankle Boot

Firefighting Boot – Type B (Ankle-High) made of soft black full-grain leather, 1.8–2.0 mm thick, with water-repellent treatment.
Internal lining made of WINDTEX fabric: hypoallergenic, breathable, and water-repellent.

Main Features:

- Anti-perforation insole made of multilayer MATRIX fabric (Kevlar)
- Removable anatomical footbed in THINSULATE
- Steel protective toe cap (optionally available without toe cap)
- Flame-resistant laces
- Internal THINSULATE footbed
- Non-slip rubber sole, optimally sculpted for rough terrain
- High heat resistance
- Maximum cold insulation
- Resistant to oils and hydrocarbons
- Fully breathable, water-repellent WINDTEX membrane
- Lateral inserts in yellow flame-resistant reflective fabric
- Tongue and rear gusset for maximum comfort
- Compatible with ice crampons



SIZE: from 35 to 49

HEIGHT: 19 cm (Size 41)

WEIGHT: 1,08 Kg / pair (Size 41)

With toe cap - cod. 80.0403.028

Without toe cap - cod.80.0403.029

STANDARDS

With toe cap - EN 15090:2012 F1 PA SRC HI3 CI T

Without toe cap - EN 15090:2012 F1 PA SRC HI3 AN CI R

PPE of III Category

SAFTEX Fireproof Vest

Functional identification vest for firefighting and rescue emergency services.

Beyond identifying the operator's role, it offers much more with spacious pockets and multiple straps for securing equipment. Whether it's a notebook, radio, flashlight, knife, or mobile phone, everything can be conveniently stored in the vest.

With side Velcro adjustments, the vest can be resized for a perfect fit, adapting to all body types.



Main Features:

- Velcro areas on the left and right chest, each 13 x 5 cm
- Optional Velcro surface on the back for patch application instead of screen printing
- Perforated yellow-silver-yellow reflective strips for improved visibility
- 2 front pleated pockets with Velcro closure
- 2 chest pockets for equipment with Velcro closure
- Shoulder loops for antenna placement

Materials: 80% Cotton, 19% Polyester, 1% Antistatic Fiber, Twill 2/2 FR

Weight: 245 gr/mq

Colors: Red, High-Visibility Yellow

SAFTEX Flame-Resistant Vest

 **cod. 80.0101.093**

 **cod. 80.0101.092**

STANDARDS

UNI EN ISO 14116 (Flame-Resistant Protective Clothing)

Not a PPE

Foulard Handkerchief

Flame-Resistant Neck Foulard Handkerchief made from 180 g meta-aramid flame-resistant fabric.

Dimensions: 100 x 60 cm, fully hemmed

Colors: Orange, Blue



Meta-Aramid Foulard Handkerchief

● cod. 80.0107.015

● cod. 80.0107.024

STANDARDS

UNI EN ISO 11612:2015 (Protective Clothing Against Heat and Flames)

Not a PPE

Fireproof Carrying Case

Flame-Resistant Carrying Case for goggles and respirator with filters, made from flame-resistant, water- and oil-repellent fabric.

Top zipper closure.

Detachable rear loop for belt attachment, compatible with belts up to 7 cm in height.

Dimensions: 12 x 8 x 20 cm (LxWxH)

Colors: Orange, Blue



Flame-Resistant Fabric Case

 cod. 80.0504.005

 cod. 80.0504.004

Items not subject to any CE regulations, as they are not PPE

Sahariana Cap



Cap with Sahariana made from meta-aramid fabric for protection against flame and heat.
Integrated Sahariana flap that can be rolled and secured at the back of the cap.
Semi-rigid visor made of deform-resistant material.
Rear adjustment with Velcro® F.R. Seams stitched with Nomex® thread.

One size.

CODE: 80.0201.012

Items not subject to any CE regulations, as they are not PPE

Leather Belt

Belt made of black full-grain leather, featuring a sturdy chrome-plated metal buckle with leather protector, two leather loops with carabiner, and one loop with ring.
Also available in a quick-release version.

Dimensions:

- Length: 120 / 140 cm
- Strap Height: 50 mm
- Thickness: 4 mm
- Weight: 0,40 Kg



120 cm - cod. 80.0107.002

140 cm - cod. 80.0107.034

Sgancio Rapido - cod. 80.0107.002

Items not subject to any CE regulations, as they are not PPE

Nomex Belt



Adjustable Tool Belt, 5 cm high, made of water- and oil-repellent aramid fabric with a semi-rigid high-strength internal core.

Sturdy high-strength aluminum quick-release buckle with double safety.

Leather protector for the buckle.

Includes 3 loops in flame-resistant fabric: 2 with carabiners and 1 with nickel-plated steel ring.

Seams stitched with Kevlar® thread.

Dimensions:

- Length: adjustable from 80 to 135 cm
- Strap height: 50 cm
- Weight: 0,30 Kg
- Colors: Orange, Blue

CODE: 80.0107.004

Items not subject to any CE regulations, as they are not PPE

Fireproof Fabric Belt



Adjustable tool belt made of flame-resistant fabric, consisting of a strap with a semi-rigid internal core covered with flame-resistant, water-repellent fabric.

The strap is reinforced along its entire length with four aramid-thread seams and ends with a full-grain leather insert.

Quick-release buckle with triple safety closure.

Three movable and removable loops with snap buttons, made from the same flame-resistant, water-repellent fabric: two with carabiners and one with a D-ring.

The buckle, carabiners, and D-ring are made of self-extinguishing nylon.

Dimensions:

- Length: 130 cm (MAX)
- Strap height: 55 cm
- Weight: 0,27 Kg
- Color: Orange

CODE: 80.0107.043

Items not subject to any CE regulations, as they are not PPE

Wildland Fire Mask



This face mask is designed to cover commercial masks or half masks, depending on the chosen model, for use during wildfire suppression.

It contains the air-filtering element and provides increased heat resistance while offering a softer feel against the skin.

The nose area includes an adjustable feature to fit the nasal bridge.

Elasticized zones improve fit around the face and head perimeter.

Closure and fastening are done with Velcro, allowing the mask to be put on or removed without taking off other personal protective equipment. These features ensure a perfect fit for every user, providing enhanced comfort during use.

Equipped with a Velcro strap to hang the mask around the neck.

Materials:

- Outer layer: 98% aramid, 2% carbon fiber
- Inner layer: 50% aramid knit fabric, 50% Lenzing F.R.
- Velcro: F.R. Nylon
- Thread: 100% aramid

Available in three models:

- | | |
|-----------------------------------|-------------------------|
| ▸ Closed mask (for FFP3 filter) | cod. 80.0501.013 |
| ▸ Mask with EN 148-1 screw filter | cod. 80.0501.012 |
| ▸ Mask with P3 R bayonet filter | cod. 80.0501.014 |

POLIMASK 2000 ALFA



Polimask 2000 model ALFA is a universal-size half mask compliant with UNI EN 140. It features a single EN 148-1 threaded connection for a Series 230 filter. Suitable for wildland firefighting protective equipment.

- The facepiece shape around the nose area has been specifically designed to avoid interference with glasses. The design and position of the exhalation valve vents prevent lens fogging while also protecting the valve itself.
- The front housing allows for a floating seal system: the traction from the elastic harness is applied to a rigid frame connected to the exhalation valve assembly (positioned approximately at lip height). The elastic tension is evenly distributed across the rubber facepiece, ensuring a uniform and airtight fit on the face.
- The elastic harness is made of stretch textile elements that do not catch hair or cause heat discomfort, and soft synthetic resin components to maintain stable positioning at the back of the head. The four front slots on the housing are self-adjusting, automatically balancing tension between the upper and lower straps. Adjustments are located behind the neck on the buckle and the nape support.

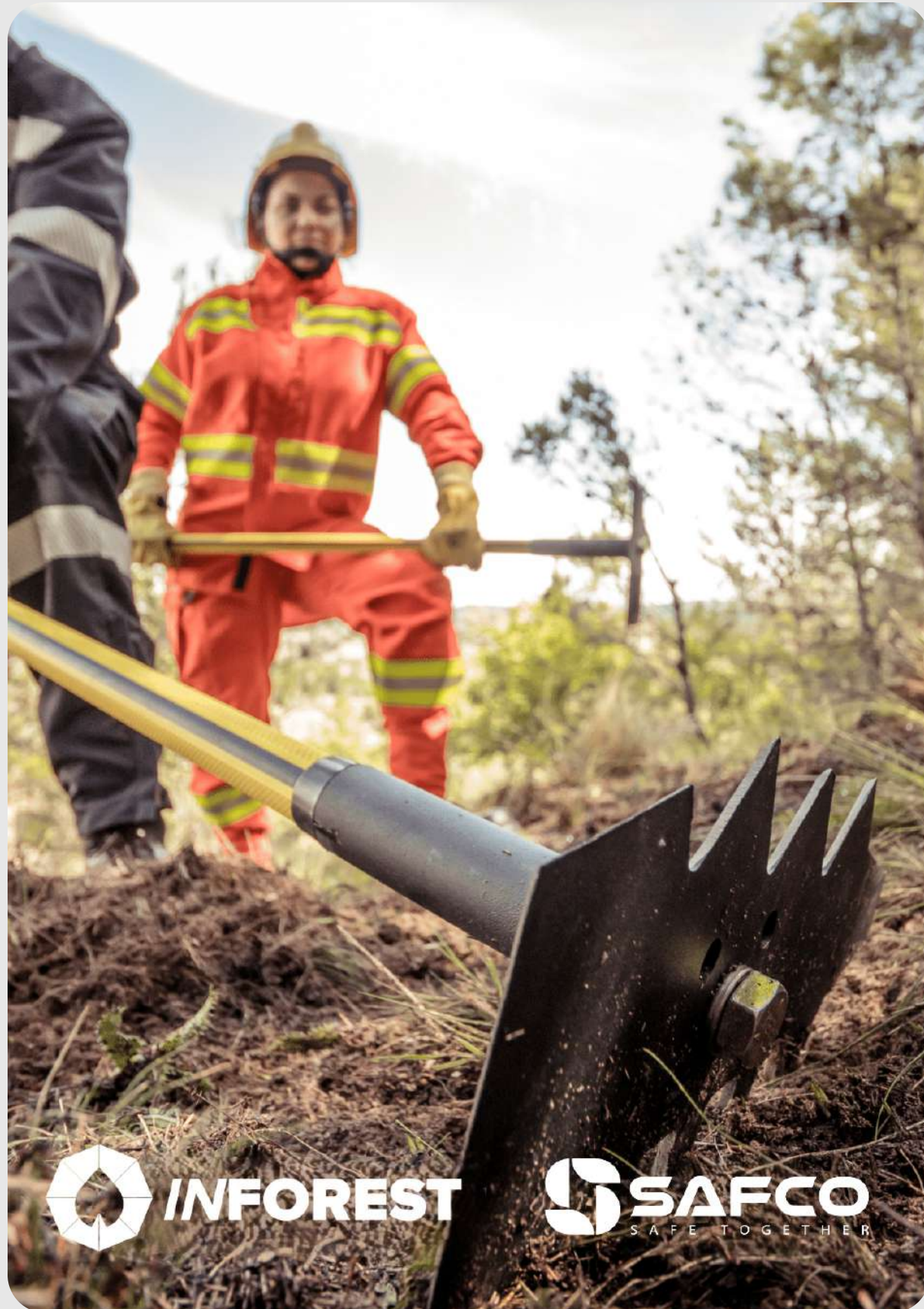
Half Mask - cod. 80.0502.007

DIRIN 230 P3 R D Filter - cod. 80.0503.018

STANDARDS

UNI EN 140:2000 (Respiratory Protective Devices – Half Masks and Quarter Masks)

PPE of III Category



FORESTRY EQUIPMENT

The Strength of the Right Tools

From containment operations to cleanup activities, every forestry tool is designed to withstand tough conditions, last long, and ensure maximum effectiveness. A complete range of hand tools, essential for tackling wildfires safely and precisely.

8-Blade Fire Swatter



Wood or aluminum handle, available in 1.20 m length (1.00 m and 1.40 m available on request), equipped with dual soft-grip rubber handles—one at the end of the handle and one approximately 50 cm from the end—plus a wrist strap.

Comes with 8 blades made of flame-resistant fabric, each 40 mm high and at least 700 mm long, consisting of high-strength flame-resistant strips attached to the handle with a steel safety clamp, insulated from the fabric by a layer of aluminized cloth.

Each blade has a steel rivet at the end to prevent fraying during firefighting operations.

Wood handle - cod. 70.0101.003

Aluminum handle - cod. 70.0101.007

Fire Swatter

A smothering tool used to strike along the fire line, moving air to extinguish flames.

The fire swatter is best suited for areas with soft, flat ground, such as meadows, where there are no rocks.

Its use is recommended in combination with a water backpack, as they act as complementary tools. Once the water reduces the flame to a safe size for approach, the fire swatter is used to fully extinguish it.



Materials:

- Blade: Made of vulcanized rubber reinforced with two textile layers, providing high tear resistance, durability, and strength.
- Handle: Fiberglass, requiring no maintenance. Offers strength and rigidity, extends tool life, reduces vibrations, and minimizes user effort during use.
- Ergonomic Grip: Tubular hollow cord, straight fiberglass reinforced with resin and extruded with HDPE (high-density polyethylene); includes anti-slip sections to improve grip and reduce vibrations transmitted to the user.

Dimensions:

- Length: 2,20 m
- Weight: 2,80 Kg

CODE: 70.0101.067

Witch Swatter



A smothering tool that works similarly to the fire swatter, extinguishing flames by suffocating them and removing oxygen when striking the fire line.

Its use is recommended for uneven or rocky terrain, or dense vegetation where using a traditional fire swatter is difficult.

This tool is a preferred choice for direct attack, can be easily carried alongside a water backpack, and together they form one of the most efficient pairs for wildfire suppression.

Materials:

It is constructed with blades made of vulcanized rubber reinforced with two textile layers to provide tear resistance. These blades conform to the shape of the terrain, adapting to any irregularities on the surface.

The fiberglass handle is short, making the tool easy to maneuver in dense vegetation or hard-to-reach areas.

Dimensions:

- Length: 1,30 m
- Weight: 2,20 Kg
- Number of Blades: 11
- Blade Length: 530 mm

CODE: 70.0101.058

Double Bit Axe

The double-bit axe is an ideal tool for creating firebreaks and clearing burned areas.

Design & Materials:

The primary focus of this tool is weight balance and user comfort. The fiberglass handle with rubber grip improves hold and reduces axe strike vibrations, minimizing joint stress.

The fiberglass handle requires no maintenance while maintaining strength. The double-edged head allows for extended work without needing to resharpen or change angles.

The axe head is made of forged steel and heat-treated to harden the edges (50–55 RC), reducing vibrations transmitted to the user. This results in a tool that meets client expectations for both durability and comfort.



Dimensions:

- Length: 93 cm
- Weight: 2,90 Kg
- Material: 1045 steel
- Handle: Overmolded fiberglass with rubber grip

CODE: 70.0101.062

Pulaski Axe



The Pulaski is one of the most widely used hand tools in wildland firefighting.

The tool combines an axe and a hoe in a single head.

The Pulaski is a versatile tool for constructing firebreaks, as it can be used both to dig and scrape mineral soil and to cut and clear vegetation lines.

When using the Pulaski, it is not recommended to lift the tool above head height, as this wastes energy and creates a safety hazard.

Design & Materials:

Our tool is made of forged steel with differential heat treatment: the cutting edge is hardened to 50–55 RC, while the eye area, where the handle is inserted, is treated to 30–35 RC.

The handle is made of overmolded fiberglass with a rubber grip, preventing vibrations from being transmitted to the user during impact, reducing fatigue and the risk of injury. Thanks to its construction materials, the axe is maintenance-free.

Dimensions:

- Length: 92 cm
- Weight: 2,70 Kg
- Material: 1045 steel
- Handle: Overmolded fiberglass with rubber grip

CODE: 70.0101.051

Big John Pulaski Axe



A high-strength steel tool, ideal for first-response teams, wildland firefighting, and urban operations. Unlike a traditional forged Pulaski, it features a head made of Hardox 450 steel plates, providing greater wear resistance, sharper edges, and easier maintenance.

Uses:

The Big John Pulaski is a multifunctional tool suitable for:

- Constructing firebreaks
- Removing vegetation, roots, logs, and surface soil
- Opening trails and access points in dense forest areas
- Digging ditches
- Clearing flammable materials from wet, sandy, or compacted terrain

Materials:

- Head made from high-strength Hardox 450 steel plates
- Combined design with a robust hoe and axe-style cutting blade for multiple functions in a single tool
- Handle: Over-extruded fiberglass, certified for insulation and dielectric resistance up to 50,000 V

Dimensions:

- Length: 93 cm
- Weight: 2,10 Kg
- Width: 330 mm

CODE: 70.0101.082



Pulaski Axe handle wood



The head is made of forged steel, with the edges heat-treated to achieve 45–55 HRC for enhanced safety, strength, and hardness. The head is coated in red enamel, and the cutting edges are treated with clear lacquer to reduce oxidation.

The handle is shaped from hardwood, secured to the head with a wooden wedge and two steel wedges, and kiln-dried to a moisture content below 10% to prevent shrinkage that could loosen the head.

Dimensions:

- Length: 90 cm
- Weight: 2,20 Kg
- Material: 1045 steel
- Handle: Hardwood

CODE: 70.0101.050

Machete with Sheath

Machete with a short handle made of stacked non-slip leather discs, leather hand guard, and a galvanized steel hook at the end.

Blade: Forged C55 steel, tempered to HRC 55–58, sharpened and ready for use.

Blade Length: approx. 30 cm

Comes with a shaped leather sheath featuring:

- Closure with two leather straps and snap buttons
- Loops for attachment to a belt



CODE: 70.0101.006



Long-Handled Machete



Blade: Hand-sharpened, forged and tempered steel

Handle: Long wooden handle

Sheath: Shaped leather sheath

Dimensions:

- Blade length: 23 cm
- Handle length: 98 cm

CODE: 70.0101.052



Tajamata Machete



The Tajamata machete is designed for aerial clearing along fire lines and defense expansions, breaking the vertical continuity of fuel.

The curved scythe-style blade allows friction cutting and is ideal for small branches and shrubs in medium-height vegetation. The head is carefully balanced to optimize performance and reduce the risk of accidents from unintended deviations, resulting in a well-balanced tool.

The cutting blade is made from wear-resistant alloy steel, requiring no additional heat treatment that could stress the material. It is finished with baked paint to extend durability, making the Tajamata a cost-effective and professional tool for wildfire operations. Hardness: 44–46 HRC.

The handle can be up to 1.9 m long, giving a total tool length of 2.1 m, and can be configured shorter to function as a manual machete.

Dimensions:

- Length: 190 cm
- Weight: 1,70 Kg
- Material: 1045 steel
- Handle: Overmolded fiberglass with rubber grip

CODE: 70.0101.060

Mc Leod fire rake

The McLeod rake combines two complementary functions in a single tool. It is essential for indirect wildfire attacks: one side features six tines with a reinforcing rib for strength, while the other side has a sharpened hoe ideal for consolidating and widening firebreaks. Its efficiency and practicality have made it a favorite among firefighters.

It is recommended for removing large amounts of vegetation from the soil and raking fuel in mineral soil. Widely used on soft surfaces and in commercial plantations with significant vegetation load.

Design & Materials:

- Handle: Removable from the blade; tubular, straight fiberglass reinforced with resin and HDPE, with anti-slip areas to reduce vibration transmission. Length: 1.20 m
- Blade: Wear-resistant alloy steel, hardness 44–46 HRC, no additional heat treatment required. Finished with baked paint.
- Ergonomic grip for improved comfort and control

Dimensions:

- Total Length: 120 cm
- Weight: 2,30 Kg
- Blade Dimensions: 285 mm x 235 mm
- Handle Material: Extruded fiberglass with HDPE

EXTRA:

McLeod rake sheath (**cod. 70.0101.077**)



CODE: 70.0101.028

Derki Rake



The Derki combination rake is a versatile cutting and soil-scraping tool, ideal for teams that need flexibility in their work. It allows multiple functions without switching tools.

It can perform the functions of: a lawn rake, a McLeod rake, a Pulaski shovel, and a wide pickaxe.

The alloy steel used ensures a long service life without frequent sharpening. Hardness: 44–46 HRC.

Design & Materials:

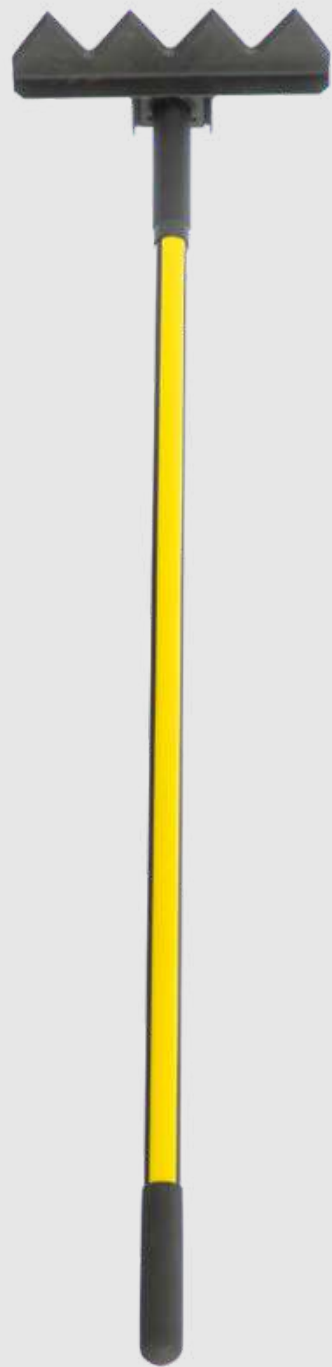
- The tool features a detachable socket that can also be used with the McLeod rake.
- Blade: Wear-resistant alloy steel, requiring no additional heat treatment that could stress the material.
- Ergonomic handle: 1.20 m long, tubular hollow, straight fiberglass reinforced with resin and extruded with HDPE (high-density polyethylene), with anti-slip areas to reduce vibration transmission.
Compatible with other tools in our product line.

EXTRA:

Derki rake sheath (**cod. 70.0101.078**)

CODE: 70.0101.055

Fire Rake



Ideal for expanding, consolidating, and loosening mineral soils, with excellent performance in vegetation removal by scraping and cutting, especially where vegetation is firmly anchored to the substrate. Its main use is for indirect fire attack, creating and widening firebreaks or access paths, and for cleaning the fire line during ash patrols.

The brush rake features four replaceable, self-sharpening serrated teeth, delivering excellent results on hard terrain and mineral-rich soils.

Materials:

- Teeth are heat-treated for enhanced durability and easy replacement.
- Lightweight, durable fiberglass handle ensures reliability and long-term use, always ready for professional work.

Dimensions:

- Length: 145 cm
- Weight: 2,20 Kg
- Teeth: 4
- Handle: fiberglass

CODE: 70.0101.054

Brush Rake

Brush Rake with wooden or aluminum handle.

Equipped with 4 interchangeable blades made of special steel, easily replaceable.

Dimensions:

- Weight (wood handle): 2,20 Kg
- Weight (aluminum handle): 1,80 Kg

EXTRA:

Cover for Brush Rake (**cod. 70.0101.006**)



Wood handle - cod. 70.0101.005

Aluminum handle - cod. 70.0101.010

Triangle Hoe



Hoe used for digging, removing soil, and creating firebreaks. This tool consists of a steel plate with a conical socket welded at its center to attach perpendicularly to an ergonomic fiberglass handle.

Head:

- Made of 6 mm thick wear-resistant alloy steel plate.
- Width: 142 mm at the left end, 36 mm at the right end, 233 mm long.
- Edge: Both ends are sharpened with a 45° bevel along their entire length.
- Hardness: The plate material is a wear-resistant alloy steel that does not require additional heat treatment, with a hardness of 44–46 HRC.

Handle:

- Ergonomically designed grip.
- Length: 1.20 m.
- Hollow tubular fiberglass reinforced with resin and extruded with HDPE (high-density polyethylene); includes anti-slip areas to improve grip and reduce vibration transmitted to the user.

Dimensions:

- Length: 120 cm
- Weight: 2,20 Kg
- Handle: extruded fiberglass with HDPE

CODE: 70.0101.065



Square Hoe

Tool used to remove large amounts of material from the ground, dig, and create fire lines. The 45° inclined square head makes the operator's work easier and more efficient.

Head:

The blade features two transverse working angles of 15° and a longitudinal angle of 25°, ensuring an optimal working position and allowing the user to move more material (soil, rocks, branches, etc.) with less effort. This design facilitates both fireline construction and terrain clearing.

Handle:

Ergonomic and lightweight design made of fiberglass. The handle is resin-reinforced and includes non-slip grip areas for a safer hold and zero vibration transmission.

Dimensions:

- Length: 120 cm
- Weight: 2,30 Kg
- Handle: Extruded fiberglass with HDPE



CODE: 70.0101.081



Forest Shovel



The forest shovel is an essential tool for wildfire operations, ideal for extending firelines, digging, and removing vegetation down to the mineral soil. It is highly effective for eliminating fuel sources and stopping the spread of fire. It is also used for raking and consolidating firebreaks.

The tool stands out for its exceptional strength and durability, thanks to a baked-on coating that protects the blade surface from wear and corrosion.

Materials:

The blade is made of forged steel with self-sharpening edges, designed with specific curvature, attack angle, and dimensions that comply with U.S. Forest Service specifications.

The contoured wooden handle ensures a secure grip even in confined spaces, reducing the risk of slipping and user injury during operation.

The blade also features a reinforced footstep for pressing with the foot, resistant to high temperatures and safe for footwear, preventing sole damage even under extreme conditions.

Dimensions:

- Length: 120 cm
- Weight: 2,30 Kg
- Handle: wood **[fiberglass version COMING SOON]**

CODE: 70.0101.059



Pike Pole

The pike pole is a tool used in structural or urban firefighting for prying, hooking, pushing, breaking, or clearing fire-affected areas. Along with the axe and the Hooligan tool, it is one of the most commonly used tools by firefighters.

The aluminum head features a pointed tip and a hook. The tip is designed for penetration and prying, helping locate hidden fires in ceilings or confined spaces, while the hook allows for easier grabbing and removal of materials, facilitating cooling and overhaul operations.

The handle can be made from various materials such as wood, aluminum, or fiberglass, and its length can be customized. The dimensions listed below correspond to the standard model.

This tool is suitable for creating openings, breaking ceilings, and removing burning materials such as mattresses, furniture, and other combustibles.

Dimensions:

- Length: 195 cm
- Weight: 2,50 Kg
- Handle: fiberglass
- Head: aluminum

CODE: 70.0101.061



Drip Torch

Drip torches are used for indirect attack to create controlled fire lines safely and efficiently. They allow long stretches of fuel application without the need for frequent refilling and enable precise control of the fuel flow rate.

Construction: Made of aluminum, available in two models:

- Tank capacity: 1 liter / Weight: 0.75 kg
- Tank capacity: 5 liters / Weight: 2.70 kg

Durability: Resistant to breakage, leaks, and high pressures.

Safety features:

- Protective valve with asymmetric stopper
- Safety valve in the flow/counter system
- Non-return valve inside the torch tube



1 liter - cod. 70.0101.042

5 liters - cod. 70.0101.043



BACPACKS & NOZZLES

Equipment that keeps up with the pace of the operation

Whether it's transporting water, hoses, or equipment, or operating with precision using dedicated nozzles, each product is designed to provide reliability, comfort, and consistent performance during firefighting and containment operations.

MAPACHE Backpack



The MAPACHE backpack fire extinguisher stands out for its design, which maintains its shape during and after filling. Engineered for comfort during long workdays, this new version incorporates multiple adjustments that allow optimal weight distribution and adapt to the needs of all users.

The external backpack, which serves as the containment structure, is made of polyamide (Nylon) fabric with a PU coating, enhancing wear and abrasion resistance, reducing weight, and adding a key feature: flame-retardant properties according to NFPA 701 standards.

The front pocket has a zipper and docking points that attach it to the backpack, offering versatility for carrying various items. Its design allows the pocket to be detached from the main body of the backpack and includes an adjustment system at the top for added security and comfort.

Inside, it contains a water bladder with a baffle system for better containment, made of highly durable PVC that can be easily replaced without tools in case of punctures. It has a top-fill opening with a filter and handles to keep it horizontal during filling.

On the front, there is a pocket with a spring system for inserting accessories or tools, and two side “wing” pockets for carrying flashlights or water bottles.

Three adjustable fastening systems: waist belt, chest strap, and adjustable shoulder straps.

Double-action nozzle in stainless steel.

Quick-release connection in bronze.

Capacity: 25 liters

CODE: 80.0107.049

22 Liter Water Backpack



The water backpack is designed to allow the operator to work for long hours and cover long distances with minimal effort.

It consists of a waterproof internal tank with a filling opening equipped with a filter, and an external backpack that serves as the containment structure.

The internal tank can be easily replaced in case of punctures.

Padded harness with easily adjustable straps to distribute the weight perfectly, attachment straps for communication devices, and carabiners to hang the nozzle and other equipment.

The nozzle allows water or retardant liquids to be sprayed in either a solid stream or mist mode. It is equipped with a hose with a rotating quick-connect that prevents kinks or breaks.

Quick-fill hose, 1 meter long, with a bayonet-type quick connector on one end and a 1" valve on the other. The hose can be supplied with various types of fittings: STORZ, UNI, DSP, etc.

Technical Data

Empty Weight: 2,40 Kg

Dimensions: 650 x 470 mm

Capacity: 20/22 liters

Range: 12 m (solid stream) - 3 m (mist)

Displaced Volume: 125 cm³

Nozzle: double-action

CODE: 80.0107.026

Rigid Carrying Backpack



Designed to facilitate the transport of hoses and other heavy loads such as portable pumps, water tanks, or other equipment necessary for combating wildfires.

Made from high-quality, durable materials that ensure proper weight distribution without straining the back.

The backpack features a rigid aluminum frame and a flexible reinforced PVC container. It is designed for use while moving toward the fire, with an opening that allows hoses to be unrolled smoothly during transit. This system enables a single operator to deploy hoses to reach the first line of fire.

It can carry up to 5 hose sections of 45 cm. The hose compartment can be removed to free the main frame and load other items such as pumps and water tanks. With the compartment closed, the backpack can also transport other types of cargo, such as clothing, helmets, etc.

The backpack includes an adjustable sizing system to fit users of different heights.

CODE: 80.0107.045

Hose Carrying Backpack



The hose backpack can hold up to 5 DN45 hoses, each 20 meters long.

It features a top opening that allows hoses to be unrolled while moving toward the fire. This system enables a single operator to deploy the hoses to reach the first line of attack efficiently.

Made from high-quality, waterproof, and highly durable polyester materials, the backpack ensures proper weight distribution without straining the spine.

It combines a rigid frame with a flexible container, allowing hoses to be pre-stored and ready for deployment either in the warehouse or on the vehicle.

CODE: 80.0107.028

DAY PACK Backpack



The Day Pack is designed to carry all the essential items needed for a workday during wildland firefighting operations. Its basic harness has an ergonomic shape that ensures a perfect fit, with height and circumference adjustments that greatly enhance mobility and reduce fatigue from carrying the load.

MATERIALS

Made of 420Dx420D polyamide with PU coating. Fire-resistant fabric featuring high mechanical strength, a smooth surface that sheds dust and dirt, and a low weight per square meter. Seams are reinforced with nylon thread.

POCKETS

It has a main compartment with a waterproof closure, as well as internal and external pockets.

Includes a dedicated pocket for storing and carrying a hydration bladder in a space separate from the main compartment to prevent punctures. At the bottom, there is a detachable compartment with an elastic attachment and Velcro closure for quick access.

Side pockets with zippers are available for carrying additional materials, and wing pockets are designed to hold bottles, flashlights, or other items. Drainage holes at the bottom of these pockets prevent liquid or dirt accumulation.

Technical Data

Volume: 21 lt

Dimensions: 26 x 16 x 35 cm

Weight: under 1,50 Kg

Colors: yellow, red

CODE: 80.0107.039



30 Liters Backpack



This backpack is designed for use by rescue teams, for climbing, or mountain work. Its design allows great freedom of movement and ensures user comfort thanks to a padded foam back panel and shoulder inserts that do not absorb moisture while providing excellent ventilation. This is one of the most widely used models by firefighters.

MATERIALS

Made of water-repellent and fire-resistant coated polyester, with heavy-duty reflective polypropylene straps and acetal buckles.

POCKETS

The main compartment has a top-access zipper and a protective flap. Additional pockets and compartments are provided for carrying equipment, first aid kits, and climbing gear.

HARNESS

The adjustable harness system ensures perfect weight distribution, providing stability and safety in hard-to-reach areas and allowing the user to carry weight and volume properly secured to the body.

Technical Data

Volume: 30 lt

Colors yellow, red

CODE: 80.0107.047



60 Liters Backpack



This backpack is designed for professionals who need to carry essential gear for extended operations, including missions lasting over 48 hours, and for overnight stays in camps or temporary bases.

MATERIALS & DESIGN

Constructed from fire-retardant, water-repellent coated polyester (FR) compliant with NFPA 701-2023.

Padded back panel and shoulder straps with closed-cell foam ensure user comfort while optimizing weight distribution and transfer to the body.

The back features mesh-padded sections for proper ventilation.

The backpack includes a top-access opening, equipment straps, internal, external, and side pockets, a front elastic mesh for securing items, a quick-adjust waist belt, and four load-compression straps.

PERFORMANCE

Designed to meet user load requirements while maintaining functionality and ergonomics, the backpack allows heavy loads to be carried safely, distributing weight to prevent spinal injuries and reduce fatigue.

Technical Data

Volume: 60 lt

Color: red

CODE: 80.0107.046



Comunication Kit Harness

The Inforest communication kit harness is practical and essential for safely carrying communication, geolocation, and meteorological equipment while keeping it quickly accessible.

Its primary purpose is to securely organize and transport various equipment from different brands and models, including maps, mobile phones, GPS devices, and portable weather stations. The compartments can be easily adjusted to ensure the gear is firmly secured.

The harness features a front pocket with dual access and complementary functions such as pen holders, attachment hooks, and a dedicated space for a handheld microphone.

The harness is adjustable in four directions and includes reflective strips on the front and back to enhance visibility in low-light conditions.

CODE: 80.0102.067

INFOREST Nozzles



Ideal for extinguishing fires, these nozzles effectively reduce water consumption while delivering unmatched flow pressure performance.

Constructed from anodized aluminum, they require minimal maintenance thanks to the shut-off valve and stainless-steel rotating teeth; all components are corrosion-resistant.

The flow can be adjusted from fog spray to full stream with just a quarter turn of the nozzle head. Designed to withstand pressures up to 40 BAR, they are optimal for high-pressure lines.

Available upon request with UNI or STORZ fittings.

MODELS:

- Nozzle 360
1" (25 mm) nozzle with adjustable flow, 4 selectable levels: 19-37-90-150 liters/min.
- Nozzle 366
1½" (38 mm) nozzle with adjustable flow, 4 selectable levels: 115-230-360-475 liters/min.
Allows effective application of AFF-type foam.

Nozzle 360 - cod. 10.0302.038

Nozzle 366 - cod. 10.0302.039



Foam Adapter

The foam adapter is a professional accessory designed for easy attachment to 1” nozzles.

Its primary function is to enable rapid and efficient foam generation, providing operators with a simple and secure connection to the INFOREST manual line nozzles. The robust and functional design ensures the production of high-quality, stable foam, essential for effective fire control and extinguishing.

Engineered for maximum versatility, the adapter is compatible with a wide range of foam concentrates available on the market.

A key feature is its expansion ratio of up to 12:1, allowing operators to adapt interventions to different operational situations, optimizing foam usage and ensuring even surface coverage.

Reliability, ease of use, and consistent performance make the 1” foam adapter an indispensable tool for wildfire firefighting teams and civil protection operators who require safe, durable, and easy-to-use equipment in the field.



CODE: 10.0307.039

Subsurface Fire Nozzle



A subsurface fire develops beneath the soil surface, burning roots and other organic material in the ground. These fires are characterized by the absence of visible flames, minimal smoke emission, and very low combustion intensity, resulting in slow progression due to limited oxygen availability. Subsurface fires pose significant challenges for wildfire firefighting operations because they are often difficult to detect and can persist for weeks, even under snow.

The subsurface fire nozzle connects to the high-pressure firefighting module. Its design and specialized nozzle allow penetration into the soil. The nozzle is inserted into the ground and delivers water in a 360° pattern.

Technical Data

Maximum operating pressure.: 30 bar

Maximum flow rate: 70 L/min with a 1 bar pressure drop

Quick coupling: 3/8" for firefighting module

Weight: 2.0 kg.

Heigh: 1067 mm.

Materials

Structure and tip: stainless steel

Brass and aluminum components with chemical nickel plating

High-resistance plastics

Seals in FPM

CODE: 70.0101.053

High-Pressure Curtain

The High-Pressure Water Curtain is a firefighting tool designed to create a protective barrier of water, controlling and redirecting the spread of fire. It is ideal for managing flames in both wildfire and structural fire situations where a continuous, high-impact water curtain is required.

This nozzle is specifically designed for wildfire suppression. It reduces the size and weight of water droplets to maximize heat absorption. Water flows through a 25 mm supply line and strikes the front of the nozzle (shield), which has a cycloidal shape. Through the upper groove of the supply channel, it creates a protective fan of misted water. Micro-holes at the front of the nozzle also generate a direct water attack stream.

The water output and formation of the protective curtain depend on the water pressure. Operating pressure: 20–22 BAR, with a flow rate of 130 L/min. Once positioned on the ground, the nozzle remains firmly in place due to the water reaction force, assisted by a serrated stainless steel base. For optimal performance, use the nozzle at the specified pressures and preferably on a flat surface.

Features & Dimensions

- Nozzle material: stainless steel
- Supply line: 25 mm
- Dimensions: 90 × 220 × 75 mm
- Weight: 0.583 kg (without fitting)
- Operating pressure: 20–22 BAR
- Operating pressure: 20–22 BAR
- Flow rate: 130 L/min
- Y-strainer filter for impurities
- Width of misted water screen: 11 m
- Height of misted water screen: 4 m

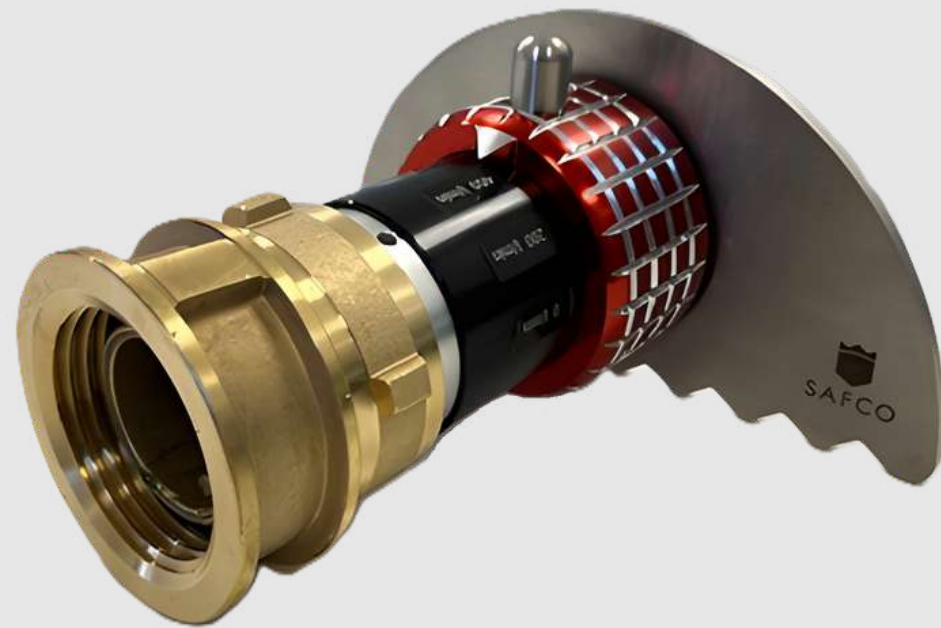


CODE: 10.0305.010

Selectable Curtain

The Safco selectable flow protection system simplifies and reduces the challenges of choosing the correct water flow for effective operation. This innovative system allows the operator to select the desired flow rate while using a single device, optimizing space and vehicle water consumption.

The fan-shaped water curtain it generates provides excellent protection against radiant heat, flames, smoke, or gas for personnel, vehicles, and equipment. Thanks to its compact size, it can be repositioned during firefighting operations according to changes in the fire front, maintaining optimal protection.



Features & Specifications

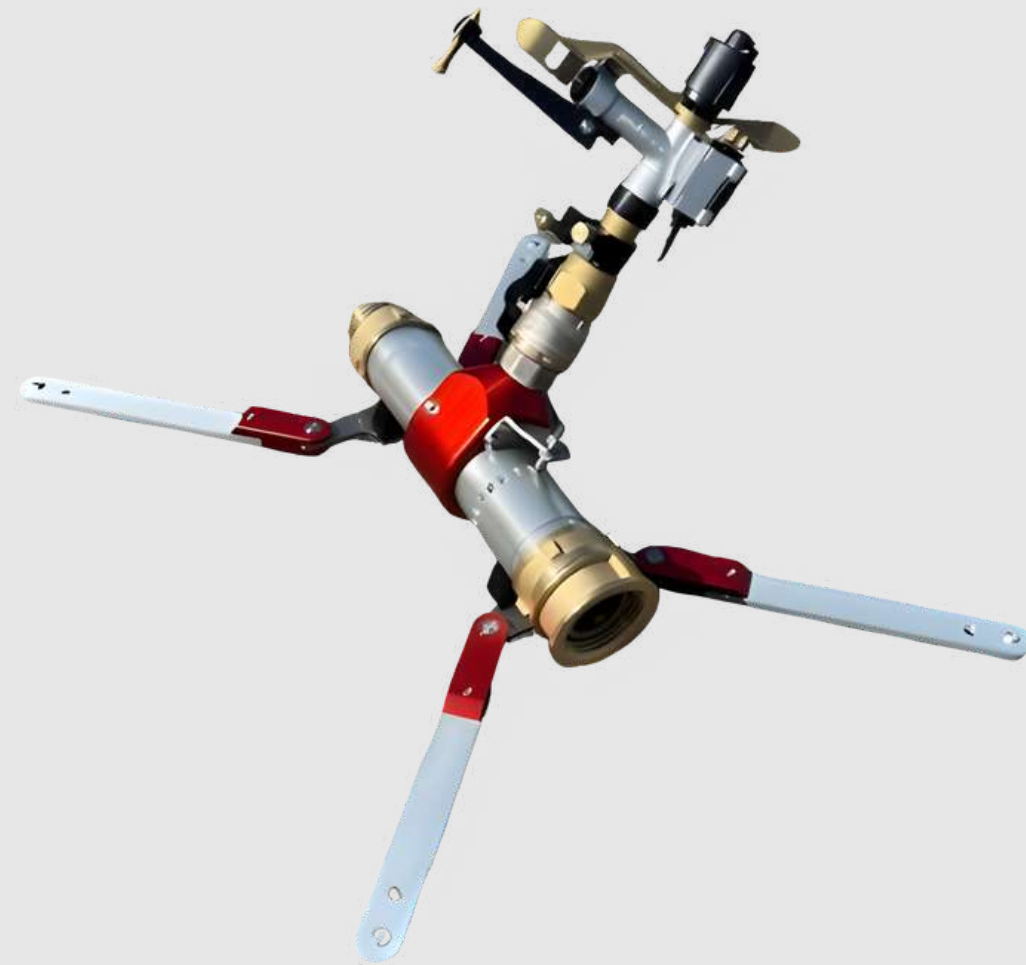
- Inlet: 2" for UNI 45 or UNI 70 connection
- Selectable flow rates: 200 – 400 – 600 – 800 – 1000 L/min
- Optimal operating pressure: 8 bar
- Body: anodized aluminum and stainless steel
- Dimensions: length 160 mm, height 100 mm, width 210 mm
- Weight: 1.2 kg (without coupling)
- Stabilization: water reaction force and stainless steel toothed base keep the system firmly in place

Performance:

- Produces a fine water mist curtain with an effective radius of approx. 5 m
- When deployed at intervals around the operational area, multiple units can create a continuous shield of protection against heat and gases, allowing firefighters to safely operate foam generators and other equipment from behind the water barrier.

CODE: 10.0305.009

SAFCO WDS



The SAFCO Wildfire Defense System (WDS) is a mobile and compact solution for protecting against wildfires and vegetation fires. It operates on a UNI 45 line (or Storz D25 mm) with modular supports made of anodized aluminum and stainless steel, each equipped with a 1” connection for an agricultural rotary sprinkler.

Thanks to the optimized flow and 1” inlet, it allows efficient use of water resources even under limited availability. A set of 4 supports can cover over 100 meters of fire line, creating a continuous water wall.

The supports feature foldable arms and hardened steel tips for optimal stability and minimal bulk, making transport on emergency vehicles easy.

Key Features:

- Application: Wildfires, vegetation, heathlands, buildings
- Connection: UNI 45 or Storz D25 mm
- Materials: Anodized aluminum / stainless steel
- Sprinkler connection: 1” adjustable (120° rotation)
- Sprinkler pressure: 3–4 bar
- Max flow per sprinkler: 40 L/min
- Coverage: >100 m with 4 sprinklers
- Support dimensions: 250 × 180 × 100 mm (without couplings/sprinkler)
- Design: Compact and easily transportable

CODE: 10.0305.011



HOSES PORTABLE PUMPS TANKS

Water Efficiency for Fast and Safe Interventions

A complete range of hoses, portable pumps, and tanks designed to simplify water supply and distribution operations.

Practical, durable, and essential tools for combating wildfires.

JET AIB Hose HP



JET A.I.B. is a textile hose suitable for high-pressure applications.
It is made of high-tenacity reinforced polyester circular fabric with a synthetic waterproof underlayer.
Suitable for high-pressure use (up to 40 bar). The external coating increases abrasion resistance.

Specifications

▸ Inner Diameter	mm	25	38	45
	inch	0,9	1,4	1,7
▸ Weight	g/m	180	205	235
▸ Linear mass	g/m	180	200	220
▸ Burst pressure	MPa	>10	>10	>9
▸ Operating pressure	MPa	4	4	4
▸ Thickness	cm	36	36	37
▸ Abrasion resistance	Over 100 turns			

JET ARMOUR Hose

JET ARMOUR is a textile hose, JET type, with a double polyester A.T. jacket, built according to NFPA standards.

It is made of a circular twill-weave high-tenacity polyester fabric, internally waterproofed with a high-quality, long-lasting pre-vulcanized tube perfectly anchored to the textile jacket.
Its high resistance to wear and aging makes this hose ideal for firefighting professionals and anyone seeking a durable and highly reliable product.



Specifications

▸ Inner diameter	mm	25	38	45	52	63	70
	inch	0,9	1,4	1,7	2,04	2,4	2,7
▸ Burst pressure	MPa	>15 MPa (150 bar)					
▸ Operating pressure	MPa	5.0 MPa (50 bar)					
▸ Temperature resistance	°C	-20°C / +80°C					
▸ Adhesion:		>2,5 N					
▸ Weight:		240 g/m					

WICK 100 4H



The WICK® 100-4H is an ultra-lightweight high-pressure portable pump, designed to ensure maximum reliability and superior performance in its category.

Powered by a 50 cc 4-stroke Honda engine, compliant with US EPA/CARB emission standards, providing efficiency and long service life.

Equipped with an integrated fuel tank, it features a removable bolted single-stage pump, compatible with foam agents and easy to maintain. Starting is manual with a recoil starter, with a manual priming system mounted on the base.

The WICK® 100-4H is also available with optional vertical pump mounting and can be easily transported using the dedicated backpack (optional).

Reliability, lightness, and ease of use make it the ideal solution for rapid and effective interventions.

Weight & Dimensions

- Length 14.0" / 36 cm
- Width 11.0" / 28 cm
- Height 16.0" / 41 cm
- Weight 20.2 lbs / 9.16 kg
- Suction 1.5" NPSH / 38 mm
- Discharge 1.5" NPSH / 38 mm

Engine

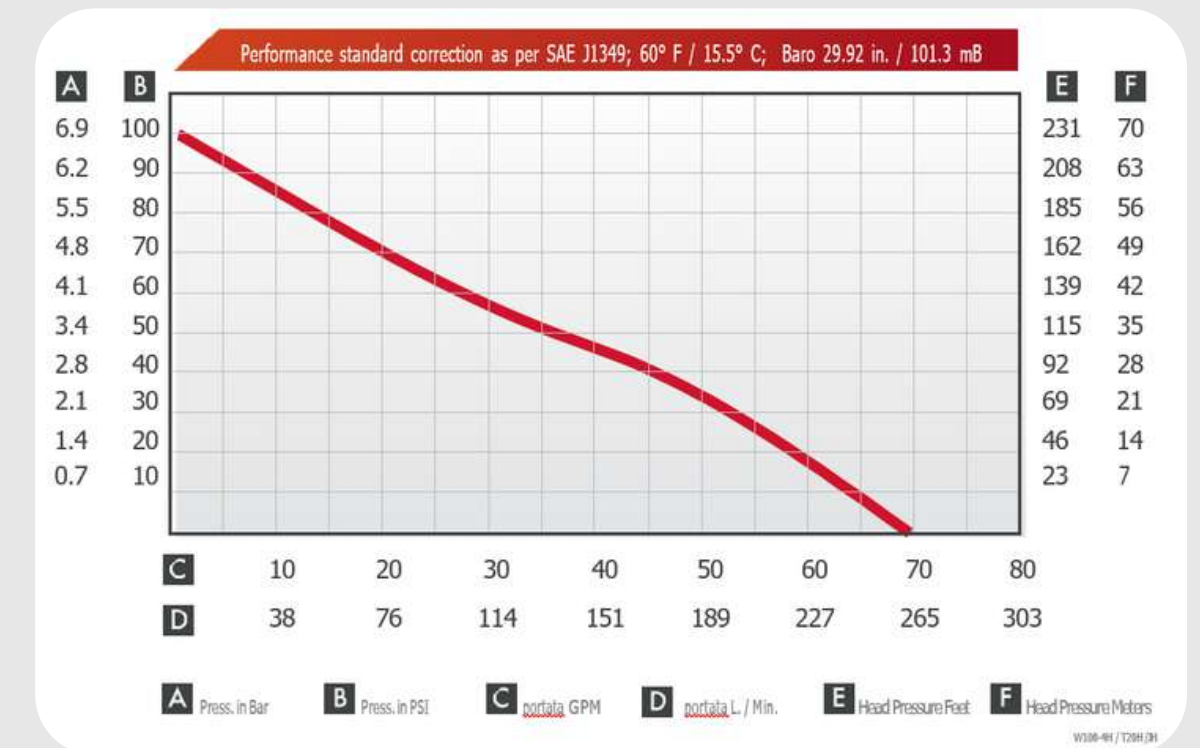
Honda GXH50 - 4 stroke;

50 cc; 2.5 gross Hp @ 7000 RPM

Clutch transmission

Fuel tank capacity 0.81 Qt. US / 0.77 L

Oil capacity 0.26 Qt. US / 0.25 L



WICK 375



The WICK® 375 is designed to ensure excellent performance in emergency interventions in forestry and other rescue contexts.

Equipped with a modern Solo 10 HP, 210 cc, 2-stroke air-cooled engine, featuring a patented electronic overspeed protection switch, which ensures reliability and safe operation.

The 4-stage pump is detachable thanks to a robust one-piece stainless steel clamp and provides high pressures and water delivery over long distances. The ultra-durable Nikasil cylinder wall reduces maintenance and extends operational life.

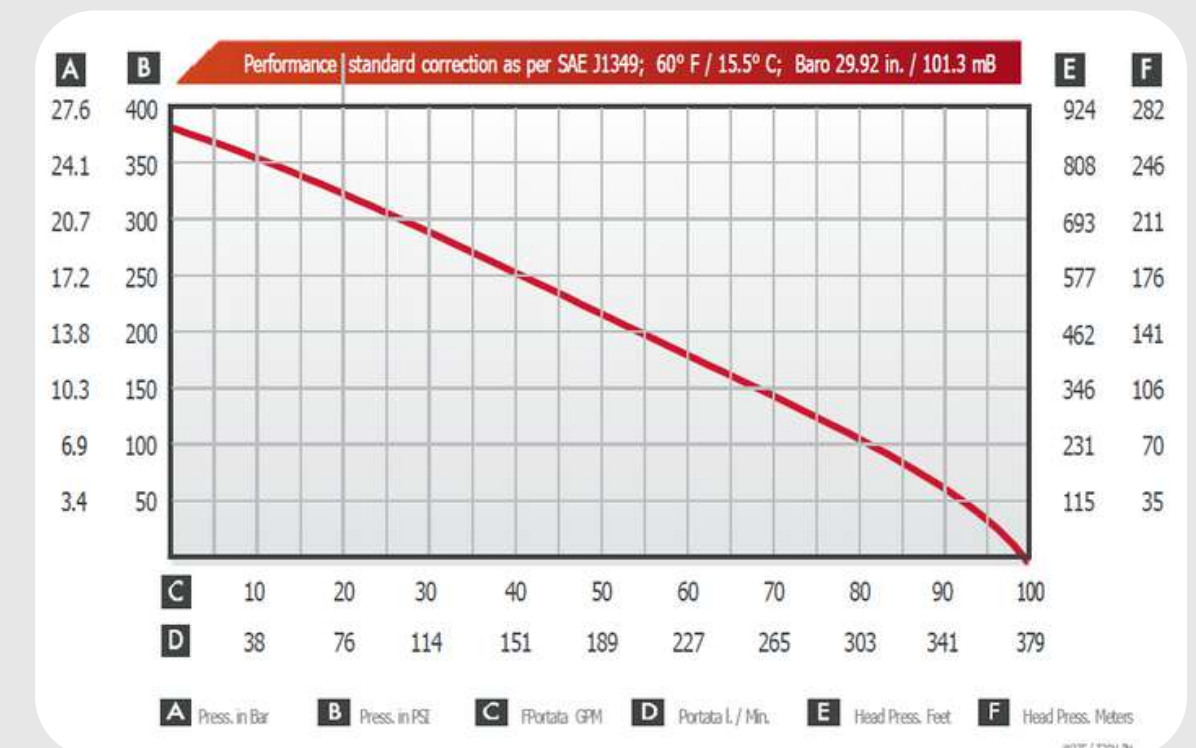
Starting is simple and immediate via a manual recoil system with a detachable starter device. The WICK® 375 is also certified according to the U.S.D.A. 5100-274C standard.

Weight & Dimensions

- Length 22.75" / 57.8 cm
- Width 14.25" / 36.2 cm
- Height 14.25" / 36.2 cm
- Weight 56.0 lbs / 25.4 kg
- Suction 2.0" NPSH / 50 mm
- Discharge 1.5" NPSH / 38 mm

Engine

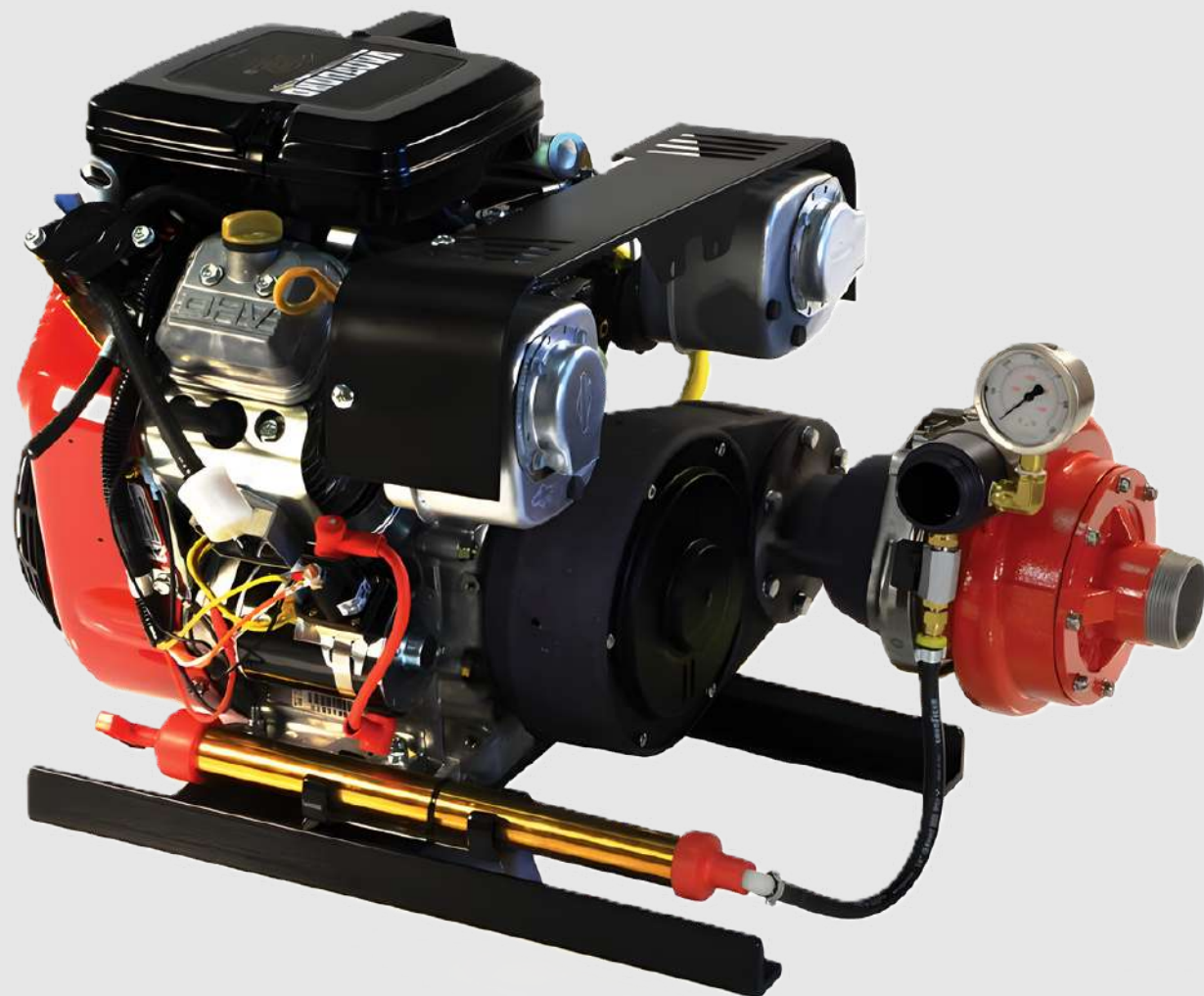
Solo - 2 stroke;
 210 cc; 10.0 Hp / 7.5 kw
 Ignition flywheel magneto
 Cylinder Nikasil cylinder walls
 Coil 20 Watts



WICK F200 - 18BS/23BS

The WICK® F200-18BS is a high-pressure, two-stage portable pump designed to deliver high performance and maximum reliability in firefighting operations.

Powered by a robust 18 HP Briggs & Stratton Vanguard “V Twin” 4-stroke, air-cooled engine with overspeed protection, ensuring durability and reliability. Starting is electric, supported by an emergency manual recoil starter. The engine-to-pump coupling is achieved via a convenient stainless steel quick-release clamp, while the maintenance-free speed multiplier reduces operating costs. The equipment includes a manual priming pump, pressure gauge, and a non-return valve on the delivery line. The unit is available with either a tubular hand frame for easy transport or a channel frame for vehicle installation. An integrated fuel tank is also available as an optional accessory.

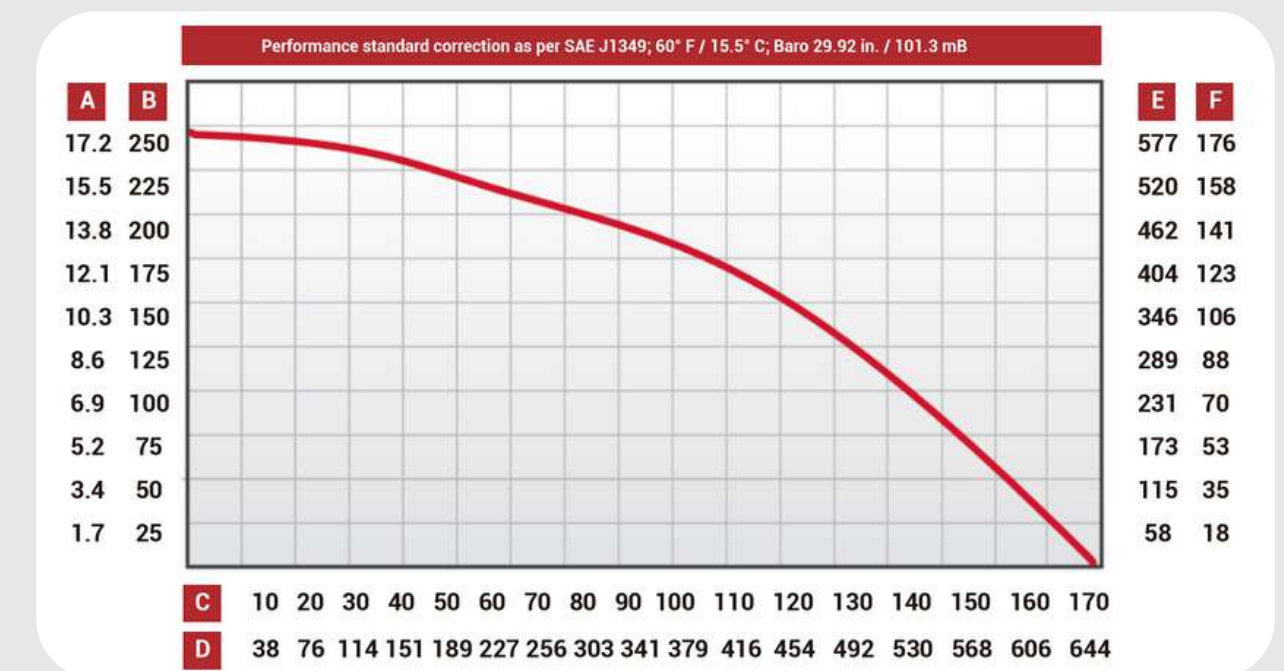


Weight & Dimensions

- Length 32.0" / 81 cm
- Width 19.5" / 50 cm
- Height 18.5" / 47 cm
- Weight 137 lbs / 62 kg
- Suction 2.0" NPSH / 50 mm
- Discharge 1.5" NPSH / 38 mm

Discharge

Briggs and Stratton - 4 stroke;
18 Hp/23 Hp @ 3600 RPM
Injection electronic
Oil filter screw-in cartridge



WICK F4200 - 18BS



High-pressure portable pump with an 18 HP Briggs & Stratton Vanguard “V Twin” engine, 4-stroke, air-cooled, equipped with over-speed protection and electric start (with manual backup).

The 4-stage pump, compatible with foam agents, is interchangeable with other models (4-stage and 2-stage F200) for greater flexibility. The engine-pump coupling is made via a stainless steel quick-release clamp with a maintenance-free speed multiplier.

Equipped with manual priming, high-pressure pressure gauge, and non-return valve, it is available with a tubular frame for transport or a structure for vehicle mounting. Optional integrated fuel tank.

Weight & Dimensions

- Length 32.0" / 81 cm
- Width 19.5" / 50 cm
- Height 18.5" / 47 cm
- Weight 137 lbs / 62 kg
- Suction 2.0" NPSH / 50 mm
- Discharge 1.5" NPSH / 38 mm

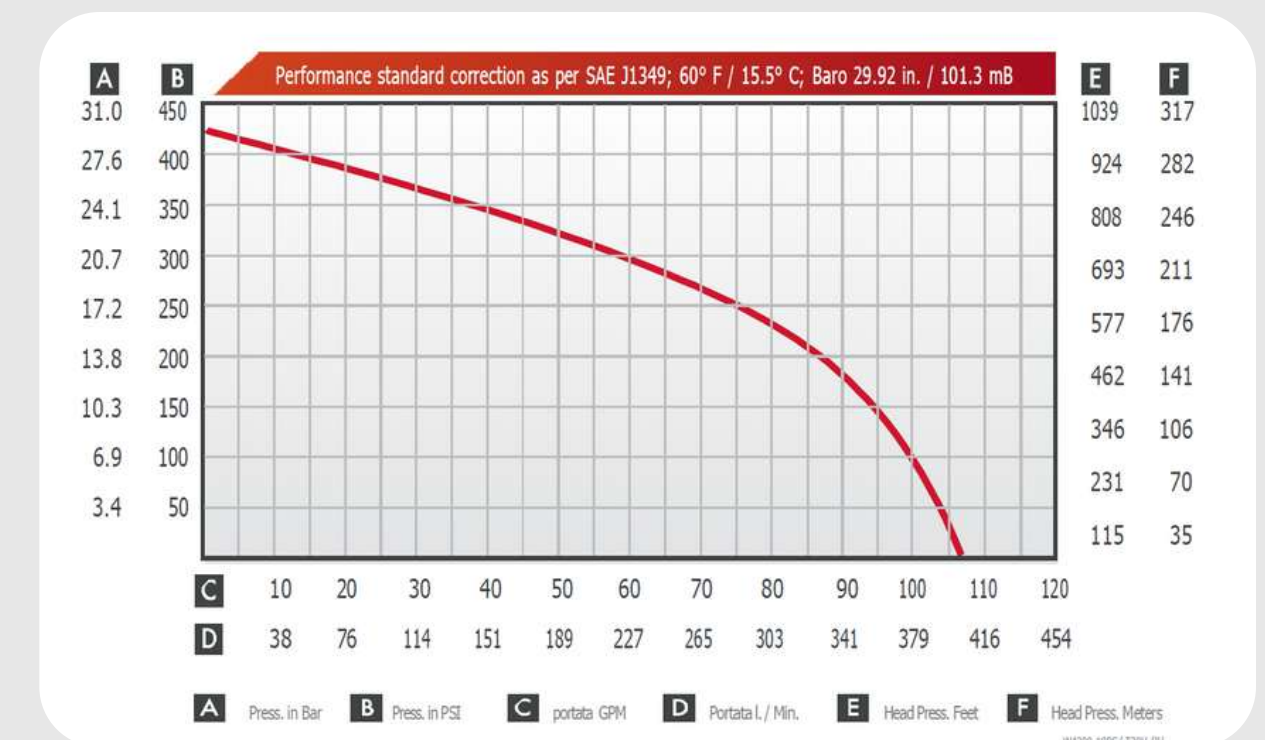
Engine

Briggs and Stratton - 4 stroke;

18 Hp @ 3600 RPM

Injection electronic

Oil filter screw-in cartridge



WICK F4200 - 23BS

High-pressure portable pump with a 23 HP Briggs & Stratton Vanguard “V Twin” engine, 4-stroke, air-cooled, equipped with over-speed protection and electric start (with manual backup).

The 4-stage pump, compatible with foam agents, is interchangeable with other models (4-stage and 2-stage F200) for greater flexibility. The engine-pump coupling is made via a stainless steel quick-release clamp with a maintenance-free speed multiplier.

Equipped with manual priming, high-pressure gauge, and non-return valve, it is available with a tubular frame for transport or a structure for vehicle mounting. Optional integrated fuel tank.



Weight & Dimensions

- Length 32.0" / 81 cm
- Width 19.5" / 50 cm
- Height 18.5" / 47 cm
- Weight 137 lbs / 62 kg
- Suction 2.0" NPSH / 50 mm
- Discharge 1.5" NPSH / 38 mm

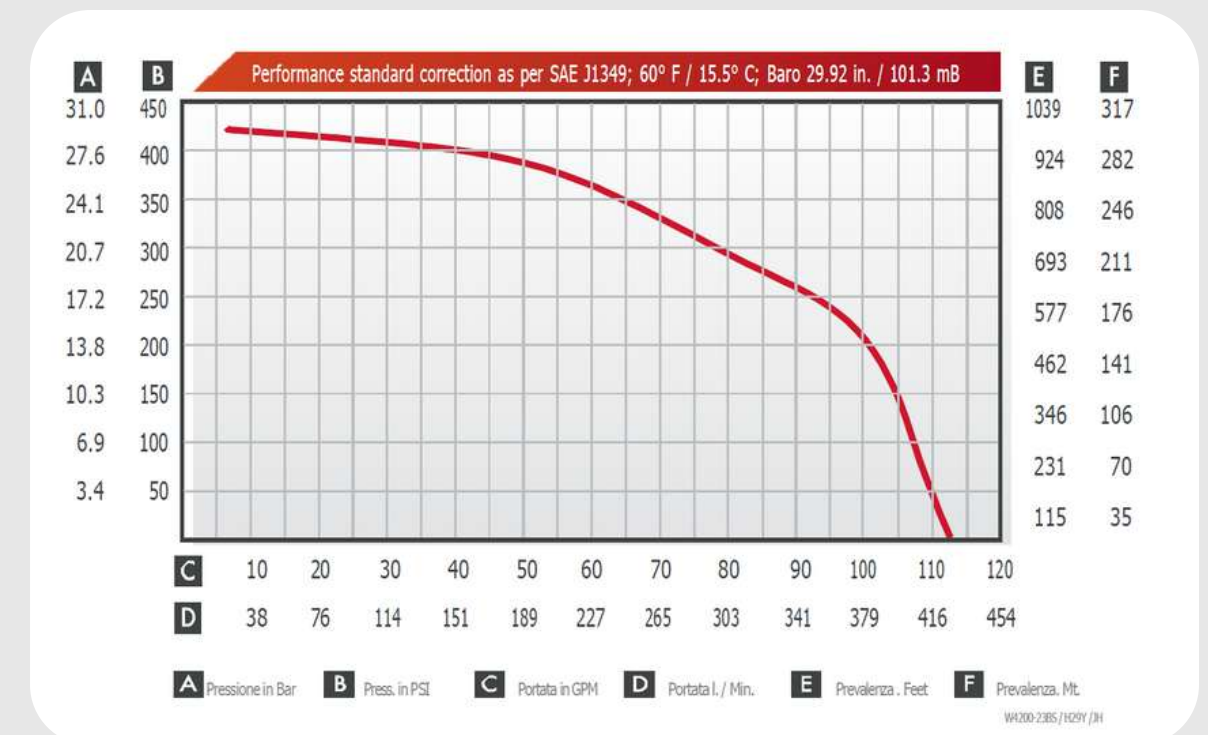
Engine

Briggs and Stratton - 4 stroke;

23 Hp @ 3600 RPM

Injection electronic

Oil filter screw-in cartridge





WICK ULTRAFLO - 18HP



The WICK® Ultraflo 18HP is a portable pump designed to deliver high flow and high pressure.

- Engine: Briggs & Stratton Vanguard “V Twin” 18 HP, 4-stroke, air-cooled with over-speed protection
- Electric start with manual backup
- Automotive air filter, external oil filter, and oil level indicator
- 2-stage pump compatible with foam agents, interchangeable with 2/3/4-stage versions, with dual discharge valve
- Stainless steel quick-release clamp and maintenance-free speed multiplier
- Available with portable tubular frame or channel frame for vehicle mounting
- Manual priming pump, pressure gauge, 3” (76 mm) NPSH-NH adapter included
- Integrated 6.6 L tank + connection for remote supply

Weight & Dimensions

- Length 32.5" / 82.5 cm
- Width 19.5" / 50 cm
- Height 24.0" / 61 cm
- Weight 160 lbs / 72.6 kg
- Suction 3.0" NPSH / 76 mm
- Discharge 2.5" NPSH / 64 mm

Engine

Briggs and Stratton - 4 stroke;
18 Hp @ 3600 RPM

Injection electronic

Oil filter screw-in cartridge





WICK ULTRAFLO - 23HP



The WICK® Ultraflo 18HP is a portable pump designed to provide high flow and high pressure.

- Engine: Briggs & Stratton Vanguard “V Twin” 23 HP, 4-stroke, air-cooled with over-speed protection
- Electric start with manual backup
- Automotive air filter, external oil filter, and oil level indicator
- 2-stage pump compatible with foam agents, interchangeable with 2/3/4-stage versions, featuring dual discharge valves
- Quick-release stainless steel clamp and maintenance-free gearbox
- Available with portable tubular frame or channel frame for vehicle mounting
- Manual priming pump, pressure gauge, 3” (76 mm) NPSH-NH adapter included
- Integrated 6.6 L tank + remote supply connection

Weight & Dimensions

- Length 32.5" / 82.5 cm
- Width 19.5" / 50 cm
- Height 24.0" / 61 cm
- Weight 163 lbs / 74 kg
- Suction 3.0" NPSH / 76 mm
- Discharge 2.5" NPSH / 64 mm

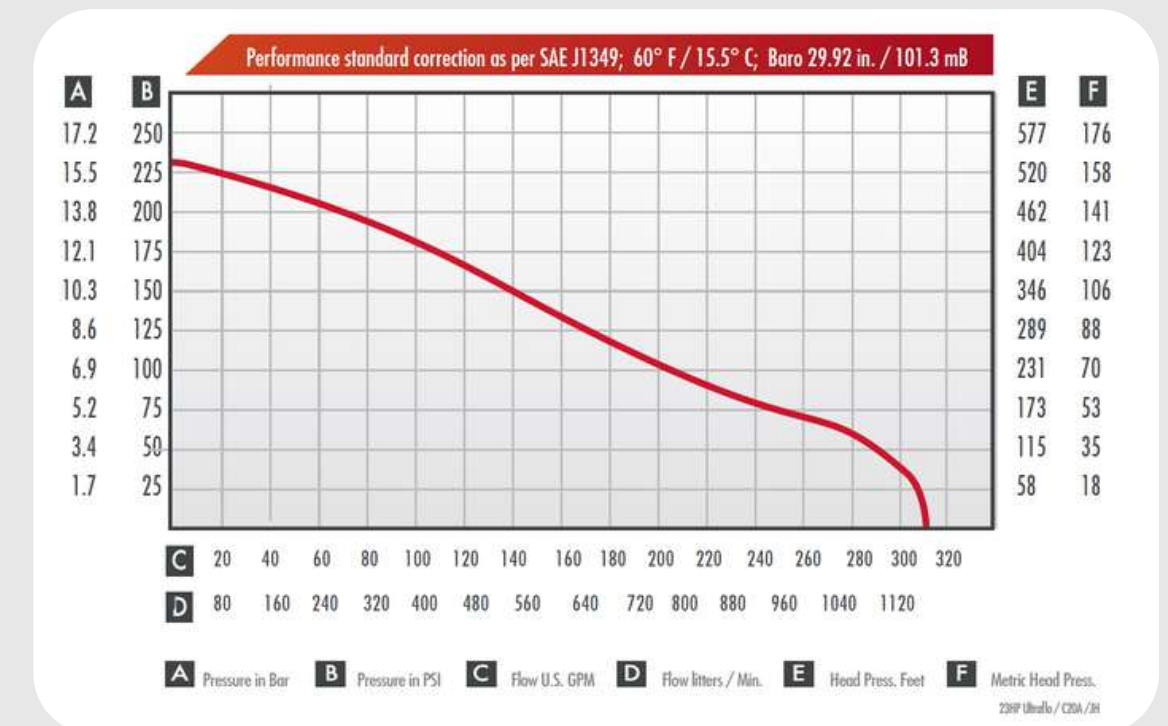
Engine

Briggs and Stratton - 4 stroke;

23 Hp @ 3600 RPM

Injection electronic

Oil filter screw-in cartridge



Self-Supporting Tanks

Description

The flexible tank, with a circular base and a floating top edge, is made of coated PVC.

The tank is foldable and can be stored in very limited spaces after use.

Intended Use

The flexible tank is suitable for water storage.

It is particularly recommended when the installation of permanent rigid tanks is not convenient.

Operating temperature: +60°C.

Storage conditions: -10°C to +60°C.

Standard capacity: from 1 to 20 m³.

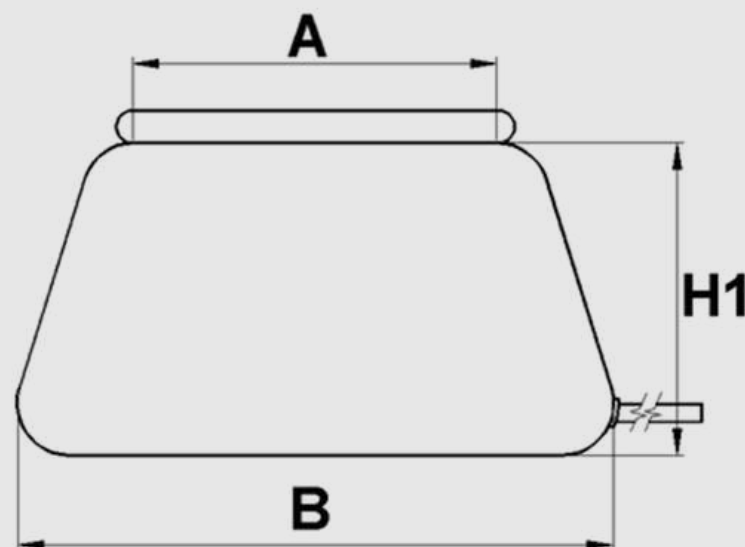
Included Accessories

- 2-inch filling valve
- 60 mm hose outlet
- Repair kit

Optional Accessories (sold separately)

- Support tarp
- Carry bag
- Lid

Codice	Capacità (m3)	Diametro A (mt.)	Diametro B (mt.)	Altezza H1 (mt.)	Peso (kg.)
10.1101.001	1	1	1,75	0,60	18
10.1101.002	3	1,90	2,55	0,85	32
10.1101.005	5	2,10	3,05	1,00	39
10.1101.010	8	3,00	3,80	1,00	42
10.1101.006	10	3,50	4,25	1,00	47
10.1101.004	12	4,00	4,80	1,00	54
10.1101.008	15	4,70	5,20	1,00	64
10.1101.007	20	5,00	6,05	1,00	71



Modular Tanks

Mobile modular tank with rigid structure (divisible uprights), polygonal shape with:

- 6 sides – up to 3,500 liters
- 8 sides – from 6,000 to 8,000 liters
- 12 sides – from 12,000 to 20,000 liters
- 16 sides – from 30,000 liters



Features

- Thermally welded single-piece liner
- Support fabric (DIN 60 001) PES (Polyester)
- PVC coating (cadmium-free)
- Glossy lacquer finish
- Thickness > 0.55 mm
- Weight (DIN EN ISO 2286-2) > 650 g/m²
- Tear and puncture resistance
- Resistant to cold, heat, and flame
- Fittings (upper connection joints and lower support plates) in light alloy UNI 5079, with electrocolor anodization
- Detachable frame in light alloy with anti-oxidation treatment
- Extruded tube dimensions external/internal mm 40/32
- Hardness HB 100 ± 5%
- Anti-oxidation treatment with silver anodization
- Bottom drain with gate valve outlet UNI 45
- Shaped tube for top filling connected to UNI 45
- Safety-pin pouch for frame assembly
- Valve carrying bag
- Liner and frame carrying bag

Elitrasportable Tanks

The Hydro-Wick® Fireflyers™ are widely used by the forest service to transport water, foam, or drinking water to remote locations by helicopter.

The aerodynamic, compact, and flexible containers are made of a durable PVC-coated fabric, complete with a 4"/102 mm filler neck and shut-off valve, standard GHT hose with “O” ring for helicopter attachment, pear-shaped to prevent unrolling.

Models

► FP60

Capacity: 273 liters

Empty weight: 5.9 kg

Full weight: 278 kg

► FP110

Capacity: 500 liters

Empty weight: 7.7 kg

Full weight: 507 kg

