



**We've got what it takes
for your next wildland fire.**



See the differences

Bollé Pilot Firefighter Firefighter Full-View Safety Glasses

The Pilot Firefighter model, with a co-injected, airtight frame, is suitable for firefighting use and offers unparalleled comfort.

Features:

- flexible and sealed frame
- removable, fire-resistant headband
- the design offers an excellent field of vision
- platinum coating

Technical data:

Standard: EN 166 3 4 5 9 BT

Frame: Polypropylene (PP)/Thermoplastic Elastomers (TPR)

Lenses: Polycarbonate (PC), copper

Coating: scratch-resistant / fog-free



Item no.	Color	Weight g
202071	black/red	92

Bollé Spectrum Firefighter Full-View Safety Glasses

Ideal for demanding firefighting applications, especially forest and vegetation firefighting and technical rescue operations. Thanks to their robust polycarbonate TPR frame, they are particularly durable and flexible, while the platinum coating on the lenses provides reliable protection against scratches and fogging. In vegetation fires, the goggles reliably protect the eyes from smoke, dust, and flying sparks, while their high light transmission of 90% ensures optimal visibility in changing light conditions. The full-view goggles are also compatible with most firefighter helmets and lightweight respirators, making them particularly versatile. The Spectrum also proves indispensable in technical rescue operations, for example in traffic accidents or under rubble. Splinters, dust, or chemicals can pose a significant hazard – the durable polycarbonate lenses provide comprehensive eye protection. The elastic, adjustable headband also guarantees a secure fit, even during intense movement.

Features:

- elastic, adjustable headband for a secure fit
- polycarbonate lenses with 90% light transmission
- platinum coating for effective protection against fogging and scratches
- notched nose area for adjustment to all face shapes
- suitable for eyeglass wearers

Technical data:

Standard: EN ISO 16321-1

Material: PC (Polycarbonate) / TPR (thermoplastic rubber)

Color: black/yellow / black/green



Item no.	Design	Glasses	Weight g
202733	Spectrum, ventilated	clear	105
202734	Spectrum, airtight	clear	105
202735	Spectrum PlatinumLite, ventilated	clear	105
202736	Spectrum PlatinumLite, airtight	clear	105
202737	Spectrum, ventilated foam	clear	105
202738	Spectrum, airtight foam	clear	105
202739	Spectrum, ventilated	smoked glass	105

Climax PCX-710 Half-Mask Respirator with Filter FFA1P3RD

The mask body is made of hypoallergenic thermoplastic, ensuring a secure fit and preventing air from entering between the mask and the face. The two non-replaceable, permanently integrated filters are compactly positioned in the housing. The mask itself is reusable, but should be replaced no later than six months after opening the original packaging to ensure protective effectiveness. The large-diameter central exhalation valve allows efficient exhalation, even during prolonged use. The retention strap has a neckband and headband that can be individually adjusted using the Easylock system. The two integrated FFA1P3RD filters offer effective protection against certain organic gases, vapors, and solid and liquid particles in protection class FFP3. With a nominal protection factor (PF) of 33 VLA, the PCX-710 sets new standards in safety and wearing comfort.

Technical data:

Standard: EN 405:2001 + A1:2009

Weight: 390 g

Item no.

202272



Basic PPE Set for Wildland Fires

The core component of the set is a particle-filtering half mask of protection class FFP3 with an exhalation valve. It provides reliable protection against harmful particles in smoke and, thanks to the valve, ensures noticeably improved breathing comfort – especially during physically demanding activities. The respiratory protection is supplemented by unventilated full-view safety goggles, which reliably protect the eyes from smoke, ash, and flying particles. The sturdy bag with carabiner and belt loops allows the equipment to be carried safely and within easy reach. Decontamination wipes, a signal whistle, and a pocket card for fighting vegetation fires round off the set and support the emergency services in dynamic operations.

Features:

- basic PPE equipment for vegetation firefighting operations
- protection against smoke, fine dust, and harmful Pitemn
- practical carrying bag with carabiner and belt loops
- based on AGBF-DFV technical recommendation no. 67

Scope of delivery:

- 1 Pcs. bag
- 1 Pcs. pair of full-view safety goggles
- 1 Pcs. FFP3 mask
- 1 Pcs. signal whistle
- 2 Pcs. decontamination rags
- 1 Pcs. pocket card



Item no.

202980

Premium PPE Set for Wildland Fires

The centerpiece of the Premium Vegetation Fire PPE Set is a half-mask respirator with an ABEK1P3 filter that protects against both Pitemn and organic, inorganic, and acidic gases as well as ammonia. The respiratory protection is supplemented by high-quality, unventilated full-view safety goggles that reliably protect the eyes from irritants and Pitemn. All components are stored in a sturdy bag with a carabiner and belt loops. Decontamination wipes, a signal whistle, and a pocket card for vegetation firefighting support the emergency services in their operational activities and with personal hygiene after the operation.

Features:

- extended PPE for vegetation firefighting operations
- reusable half-mask respirator with combination filter
- replacement filters for Lengthre and repeated use
- practical carrying bag with carabiner and belt loops
- based on AGBF-DFV technical recommendation no. 67

Scope of delivery:

- 1 Pcs. bag
- 1 Pcs. pair of full-view safety goggles
- 1 Pcs. half-mask respirator
- 1 Pcs. signal whistle
- 2 Pcs. decontamination rags
- 1 Pcs. pocket card



Item no.

202981



Dönges wildland fire gloves

Protection and functionality in action

Wildland fire gloves are an important piece of equipment for emergency personnel fighting vegetation and forest fires. They protect the hands from extreme temperatures and flying sparks. They also offer protection from mechanical impacts such as thorns or sharp branches, which are common in the rough terrain of such operations. The gloves have optimal grip, which is necessary for handling various hand tools.



These gloves have been developed to combine optimal protection with high comfort and flexibility. The back of the hand features the innovative EffiSHELL material - a three-layer fabric that is characterized by reduced flammability and water resistance. It offers an exceptional combination of protection and flexibility, ensuring comfort even during long periods of use without restricting mobility.

Washable and thermostable goatskin leather is used for the palm, which impresses with its durability and grip while also offering a comfortable fit. To maximize thermal protection, the back of the hand is equipped with an additional insulation layer. In the palms, a combination of para-aramid, polyester, and fiberglass provides reliable protection against mechanical risks such as thorns and sharp branches. Goatskin reinforcements on the fingertips and knuckles offer additional stability and increase abrasion resistance.

Thanks to the careful selection of these robust and heat-resistant materials, the gloves not only offer reliable protection against flames and heat damage, but also high breathability. This ensures that hands remain dry and comfortable even during intensive use. Special attention has been paid to the sensitivity required for the safe use of tools and precise work. In addition to their comprehensive protective functions, the gloves ensure high mobility and optimal functionality. This makes them indispensable for emergency personnel fighting vegetation fires and supports efficient and safe work in challenging environments.



Dönges wildland fire glove „Wildland Fire“

Item no. Size

202664 6 (XS)

202669 7 (S)

202670 8 (M)

202671 9 (L)

202665 10 (XL)

202666 11 (2XL)

202667 12 (3XL)

202668 13 (4XL)



**Upper material:**

Back of hand: Nomex®/viscose FR 35% / 65% with PU membrane and 100% cotton lining. Palm: washable and thermally stable goatskin leather and glass fiber-reinforced lining for protection against mechanical risks.

Reinforcements:

Goatskin leather reinforcements on the fingertips and knuckle area.

Cuff design:

Elastic cuff

Additional features:

Pull loop

**Tested according to
EN 388:2016 / ISO 13997**

Abrasion resistance:	Level 3
Cut resistance	Level 4
Tear resistance:	Level 4
Puncture resistance:	Level 3
Cut resistance according to ISO:	Level C

and EN 407

Limited flame formation:	Level 4
Contact heat:	Level X
Convective heat:	Level 2
Radiant heat:	Level 1

ISO 16073-4 „PPE for forest firefighting... Part 4: Gloves“ is currently pending.

Dönges rescue knife

In a world where every second can mean the difference between life and death, Dönges and the Böker knife manufacturer are setting new standards!

For over 150 years, the Solingen-based knife manufacturer has been synonymous with the production of knives of the highest quality. Under the Böker Plus brand, innovative functional and tactical knives have been developed for professional users for decades. These high-quality knives are specially tailored to the requirements of firefighters, rescue services, police, and military personnel and offer numerous practical functions. Our new rescue knives are available in the Basic, Professional, and Expert series. The experienced knife makers at Böker have been working since 1869 with a focus on quality, innovation, and attention to detail. As a sign of tradition, Böker offers a lifetime manufacturer's warranty on materials and workmanship. This warranty covers both replacement parts and labor costs.



BÖKER PLUS



Dönges Basic Rescue Knife

The Dönges Basic Rescue Knife is a versatile and practical rescue knife that has been specially developed for use by fire departments, rescue services, police, and military personnel. It features a lightweight, one-handed blade with a partial serrated edge that can make quick and precise cuts. In addition, the aluminum handle is particularly comfortable to hold thanks to its ergonomic design. Furthermore, the blade is made of high-quality 440A steel, making it robust and durable. Thanks to its compact size and integrated clip, it can be easily attached to clothing. This makes this knife the perfect choice for use in difficult conditions.



Features:

- partially serrated blade
- two-blade belt knife
- glass bead at the end of the handle
- aluminum handle pieces
- tip-down metal clip for attaching to a waistband or belt
- one-handed operation (the blade can be easily opened using the thumb opener)
- blade mechanism with ball bearings
- ball-bearing blade mechanism

Technical data:

Blade: Steel 440A
 Handle: Aluminium
 Blade length: 85 mm
 Handle length: 120.7 mm



Order now:
 Oil pen for maintenance

Item no.	Version	Color	Blade shape	Weight g
202132	Fire Fighter	red	Spearpoint	135
202133	Rescue	orange	Sheepfoot	135
202134	Tactical	black	Tanto	135
202367	Oil pen 2.0, 12 ml			20

*Version Rescue without thumb opener

Dönges Professional Rescue Knife

The Dönges Professional Rescue Knife is an indispensable tool for firefighters and rescue services. With its one-handed operation and partial serrated edge, it enables fast and effective work in emergency situations. The G10 plastic handle scales ensure safe handling, even in poor weather conditions. The interchangeable clip allows for easy side changing for comfortable knife carrying. The high-quality D2 steel blade guarantees high cutting resistance and ensures a long knife life. The blade length of 11.5 cm is specially designed for heavy-duty use with gloves, including heat protection gloves. Additionally equipped with serrations at the base of the blade for fibrous material, a retractable belt cutter, and a glass punch, the knife meets all essential requirements. Additionally equipped with serrations at the base of the blade for fibrous material, a retractable belt cutter, and a glass punch, the knife meets all the essential requirements of a professional rescue tool.

Features:

- partially serrated blade
- fold-out belt knife
- glass beads at the end of the handle
- GFK handle (G10)
- tip-down wire clip for attaching to a waistband or belt
- one-handed operation (the blade can be easily opened using the thumb opener)
- blade mechanism with ball bearings
- ball-bearing blade mechanism

Technical data:

Blade: Steel D2
Handle: Plastic G10
Blade length: 115 mm
Handle length: 155 mm

Item no.	Version	Color	Blade shape	Weight g
202135	Fire Fighter	red	Spearpoint	255
202136	Rescue	orange	Sheepfoot	255
202137	Tactical	black	Tanto	265
202367	Oil pen 2.0, 12 ml			20



Order now:
Oil pen for maintenance

Dönges Rescue Knife

Expert Folder | Expert Fixed



Expert Folder

The tool for all occasions. Two blades and a total of six functions make it an all-rounder in every situation.

- blade 1: Spearpoint blade with partial serrated edge
- blade 2: Rescue tool blade with partial serrated edge, belt cutter, nail puller, and bottle opener
- glass beads at the end of the handle
- GFK handle (G10)
- tip-down wire clip for attaching to a waistband or belt
- one-handed operation (the blade can be easily opened with the thumb opener)
- ball-bearing blade mechanism

Item no.	Item	Weight g
202138	Dönges Rescue Knife Expert Folder	315
202367	Oil pen 2.0, 12 ml	20

Expert Fixed

Rescue knife with fixed blade and Kydex sheath. The knife sits securely in the sheath, even upside down, until you pull it out.

- rescue tool blade with serrated edge, chisel/lever tip, belt cutter, and bottle opener
- glass beads at the end of the handle
- GFK handle (G10)
- Kydex sheath



Item no.	Item	Weight g
202139	Dönges Rescue Knife Expert Fixed	200
202367	Oil pen 2.0, 12 ml	20

Ledlenser EXH8 Headlamp, ATEX

If you want to keep track of things in critical situations and need your hands free, you should keep the Ledlenser EXH8 in mind. Or better yet, on your head: The headlamp offers maximum protection against explosions in almost any environment where gas or dust is a hazard – and that with maximum wearing comfort. At the same time, it is the first headlamp for Ex Zone 0/20 with a patented Advanced Focus System. This means it offers tailor-made light for every application.

Features:

- Advanced Focus System – stepless focusing
- 100% water- and dust-proof
- OFF/HIGH/LOW/OFF slide switch
- particularly lightweight
- all straps are length-adjustable
- red LED on the back for better visibility

Technical data:

Protection class: IP66
Explosion protection: ATEX Zone 0/20
Brightness: 180/50 lm
Burn time: 15/40 h
Lamp diameter: 41 mm

Scope of delivery:

- 1 Pcs. EXH8 lamp
- 3 Pcs. AA-batteries

Item no.

201097



Petzl PIXA 3 Headlamp, ATEX

The PIXA 3 is a battery-powered, rugged, and versatile headlamp for use in potentially explosive atmospheres (ATEX). Its multiple light beams adapt to any situation: close-range work, movement, and distance vision. CONSTANT LIGHTING technology ensures consistent brightness even as the batteries weaken.

Features:

- both hands free for working - the lamp can be worn on the head, attached to a helmet or placed on the ground
- three lighting modes for different requirements
- lighting for close-range work: wide, homogeneous beam
- combined beam with a focused component for safe movement
- long-distance visibility: focused light cone
- CONSTANT LIGHTING technology for consistent luminosity, suitable for long-term use
- automatic switchover to reserve mode when the batteries are almost discharged (flashing signal and illumination of the red indicator light)
- ergonomic rotary switch, can also be operated with gloves on
- transport position: protects the headlamp glass and prevents accidental switching on
- can be used in potentially explosive environments with occasional risk
- excellent drop (2 m), shock and pressure resistance (80 kg)
- comfortable, washable, elastic headband
- chemical resistant

Technical data:

Certifications: ATEX (Zone 2/22 II 3 GD Ex nA ic IIB T4 Gc tc IIIC T135°C Dc)

Luminous flux: 20-100 lm

Light range: 15-90 m

Light duration: 3.5-26 h

Protection class: IP67

UK Headlamp 3AAA Vizion

The UK 3AAA Vizion has a removable and individually usable insert that can be used, for example, as a tent or reading light. This makes it a universally usable headlamp for hobbies and leisure activities such as camping, trekking, mountaineering, etc. – but of course also for nighttime use in vegetation fires. The burn time is exceptionally long at up to 17 hours. This is achieved in part through the use of UK's Thermal Recovery System (TRS), which increases the performance of the batteries, especially at very low temperatures. The lamp has two settings. The large switch can be operated perfectly even with thick gloves. A rotating filter allows the lamp to be used in three modes: spot, diffuse, and red light. The extra-large headband is very soft and can be adjusted perfectly. In addition, the angle of the lamp on the head can be adjusted precisely using a large knob. The entire construction is made of high-quality materials: ABS, Lexan, rubberized polyurethane, and stainless steel.

Features:

- white high-performance LED
- rubberized on/off switch
- 100% waterproof and dustproof
- three light modes (spot, diffuse, red light) via rotatable filter
- two adjustable light intensities: 35 and 65 lumens
- up to 17 hours of constant brightness thanks to special electronics
- complies with CENELEC (CE) requirements

Petzl PIXA 3R headlamp, ATEX – rechargeable battery version

Same as PIXA 3, but with a powerful lithium-ion polymer battery, 930 mAh. Burn time up to 11.5 hours, charging time 3 hours.

Scope of delivery:

- 1 Pcs. PIXA 3R headlamp, ATEX, black/yellow
- 1 Pcs. rechargeable battery
- 1 Pcs. helmet mounting system
- 1 Pcs. micro USB charging cable
- 1 Pcs. docking station
- 1 Pcs. 230V power adapter

Item no.

139851



Scope of delivery:

- 1 Pcs. PIXA 3 headlamp, black/yellow
- 2 Pcs. AA/LR6 batteries
- 1 Pcs. Helmet mounting system



Item no.

139852



Technical data:

Dimensions L x W x H: 76 x 38 x 45 mm

Waterproof up to: 10 m

Explosion protection: no

Brightness: 35/65 lm

Burn time: 13-17 h

Scope of delivery:

- 1 Pcs. Headlamp 3AAA Vizion
- 1 Pcs. Textile headband
- 3 Pcs. AAA-Batterie



Item no.

219560

GREAT MOBILITY IN THE HEAD.

By nature. Or by Ledlenser!

*Radiant heroes in action:
LED angle lights are revolutionizing
firefighting work.*

Ledlenser LED-Hand Lamp EXC6R/EXC7R ATEX

The Ledlenser EXC6R/EXC7R is an ATEX LED angle lamp, developed with and for firefighters for tough use in hazardous areas and meets the requirements of DIN 14649. It offers the best possible gas and dust groups IIC and IIIC in zones 1, 2, 21, and 22 and is certified (Ex ib op is IIC T4 Gb, Ex ib op is IIIC T135°C Db). The lamp head can be swiveled through 135° for optimum alignment of the light cone depending on the application, and the separate LEDs provide a concentrated long-range beam or homogeneous, glare-free working light at close range. Thanks to the reversible pocket clip and a mounting eyelet, the EXC6R/EXC7R offers several options for attachment to all types of jackets and breathing apparatus. The battery level indicator always provides a good overview of the charge status and warns when the battery is low.

Features:

- complies with DIN 14649 requirements
- replaceable, powerful battery
- lamp head can be swiveled 135° for optimal alignment of the light cone depending on the application
- separate LEDs for concentrated long-range light or homogeneous, glare-free working light at close range
- extreme dust and water protection: IP68
- loop and rotating clip for versatile attachment, e.g., to bags or breathing apparatus
- rechargeable in charging station for mounting in emergency vehicles
- reflectors for increased visibility
- battery level indicator, low battery warning

Technical data:

Protection class: IP68
Explosion protection: ATEX
Explosion protection dust: Ex ib IIIC T135°C Db
Ex-Schutz Gas: Ex ia IIC T4 Ga
Explosion protection gas: DIN 14649
Color: yellow/black



Separate LEDs for concentrated high beam or homogeneous, glare-free working light



With charging station and mounting clip

Item no.	Item	Version	Light duration h	Brightness max. lm	Height cm	Weight g
202304	1 EXC6R ATEX with charging station	2 LED's	3-10	300	13.5	285
201978	EXC6R ATEX without charging station	2 LED's	3-10	300	13.5	285
202305	2 EXC7R ATEX with charging station	3 LED's	7-40	400	18.5	492
201979	EXC7R ATEX without charging station	3 LED's	7-40	400	18.5	492

Dönges HL 4AA WK ATEX Handheld Flashlight

The HL 4AA WK is a portable, explosion-proof flashlight for use in potentially explosive atmospheres. It is powered by four AA batteries. It has two light settings (Hi/Low), which are switched via the button. This allows you to achieve optimum brightness and a long burn time.

Features:

- metal clip for attaching to a breast pocket, belt, etc.
- two different brightness settings
- screw-down battery compartment
- highly efficient heat sink for a long LED service life
- large, rubberized push button (Hi/Low/Off)

Technical data:

Protection class:	IP54
Light source:	LED (Cree XP-2G)
Explosion protection:	ATEX
Zone 0:	II 1G Ex ia IIC T4 Ga
Batteries:	4 x AA
Brightness (Hi/Low):	323/140 lm
Burn time (Hi/Low):	6.5/13 h
Light range:	290/190 m



Scope of delivery:

- 1 Pcs. Hand lamp
- 4 Pcs. AA-batteries



Item no.	Dimensions L x W x H mm	Weight g
201127	55 x 65 x 186	344

Setolite Seto LED POWER 90 CAR

The Seto LED POWER 90 CAR is a groundbreaking mobile LED light. With its robustness, virtually maintenance-free features, and user-friendly handling, this high-performance light sets new standards. The light head consists of 30 state-of-the-art LEDs that produce an intense and bright light. Ideal for illuminating work areas, the fully focusable three-stage optics offer versatility that makes this light a reliable companion. A shock-resistant polymer housing and integrated steel parts inside ensure outstanding safety for the entire device. With the help of the integrated "Quicklock" extension poles, the lamp head can be raised in no time at all, making the SETO POWER LED suitable for large-area illumination as well. This simple yet stable system allows for quick deployment and can be conveniently stowed away in the device itself. In addition, the SETO POWER LED has fold-out legs that form an effective tripod system and provide additional stability without the need for additional equipment.

Features:

- various brightness levels
- powerful rechargeable battery
- integrated diffuser lens in the lamp head
- focusable 3-stage optics
- pack size: 390 x 195 x 255 mm
- various lighting modes (flashing, SOS, DIM, diffusion lens)

Technical data:

Input voltage:	230 (AC) / 12 (DC) V
Lighting duration:	up to 33 hours
Light intensity:	4,000 lm
Color temperature:	6,500 K
Protection class:	IP54
Power consumption:	43 W
Max. height:	180 cm
Battery type:	Lead-gel

Scope of delivery:

- 1 Pcs. Seto LED POWER 90 CAR
- 1 Pcs. Car charger
- 1 Pcs. Mains charger



Item no.	Dimensions mm	Weight g
202353	390 x 195 x 255	11,800

Dönges Multifunctional COB LED Light

Whether for nighttime rescue operations, illuminating accident sites, or working in extreme conditions, this multifunctional, portable mini flashlight made of robust aluminum is specially designed to meet the requirements of firefighters and emergency services. With an impressive light intensity of 800 lumens and versatile features such as a magnet, carabiner, and bottle opener, it is the perfect companion in any situation.

Features:

- mini flashlight made of sturdy aluminum
- 800 lumens for optimal brightness
- three light modes: strong, weak, and flashing
- integrated magnet for hands-free use
- carabiner for attaching to emergency jackets or equipment

Technical data:

Color:	black
Material:	Aluminium

Scope of delivery:

- 1 Pcs. COB LED light
- 1 Pcs. USB-C charging cable



Item no.	Dimensions L x W x H mm	Weight g
202654	70 x 45 x 20	55



Dönges Seal-D, waterproof

The products from the Seal-D series are the ideal companion for a wide range of activities. Made from 100% waterproof and ultra-robust PVC material, the contents are safely protected from dust and water. All seams are waterproof and special splash-proof zippers are used to ensure watertightness.

The closure:

To close the Seal-D pannier and backpack watertight, simply fold the closure over 3-4 times and secure it with the nylon buckle. The travel bag can be closed with the zipper to make it splash-proof. The flap covers the zipper for additional protection against splashing water. Tip: Before closing, compress the contents by applying light pressure from the outside. This allows unnecessary air to escape and the bag takes up less space. The bag can be closed with the zipper to make it splash-proof. The flap covers the zipper for additional protection against splashing water.

Features:

- all seams are waterproof taped
- splash-proof zipper
- easy to fill thanks to large opening
- zipper protects contents from splashes
- pocket for small items inside the opening flap
- padded, removable backpack straps
- ergonomic carrying handle and additional carrying handles
- ergonomic carrying handle and additional carrying handles on the sides
- bottom reinforced with nylon fabric on the outside

Technical data:

Material: PVC tarpaulin/nylon
 Usable internal height of pack sack: 36 cm
 Usable internal height of backpack: 42 cm
 Color: red

Item no.	Item	Dimensions Ø x W cm	Usable volume l	Weight g
201385	Pack sack	34 x 66	15	470
201388	Backpack	27 x 69	24	690
201391	Travel bag	34 x 66	60	1.460





Seal-D products are tough! Robust rip-stop material and durable seams ensure a long service life. They are the ideal companion whenever items need to be stored safely and securely.



Volume
15 l



Volume
24 l



Volume
60 l

Stubai Load Carrier

The load carrier is a popular aid for transporting items that need to be carried over rough terrain.

Features:

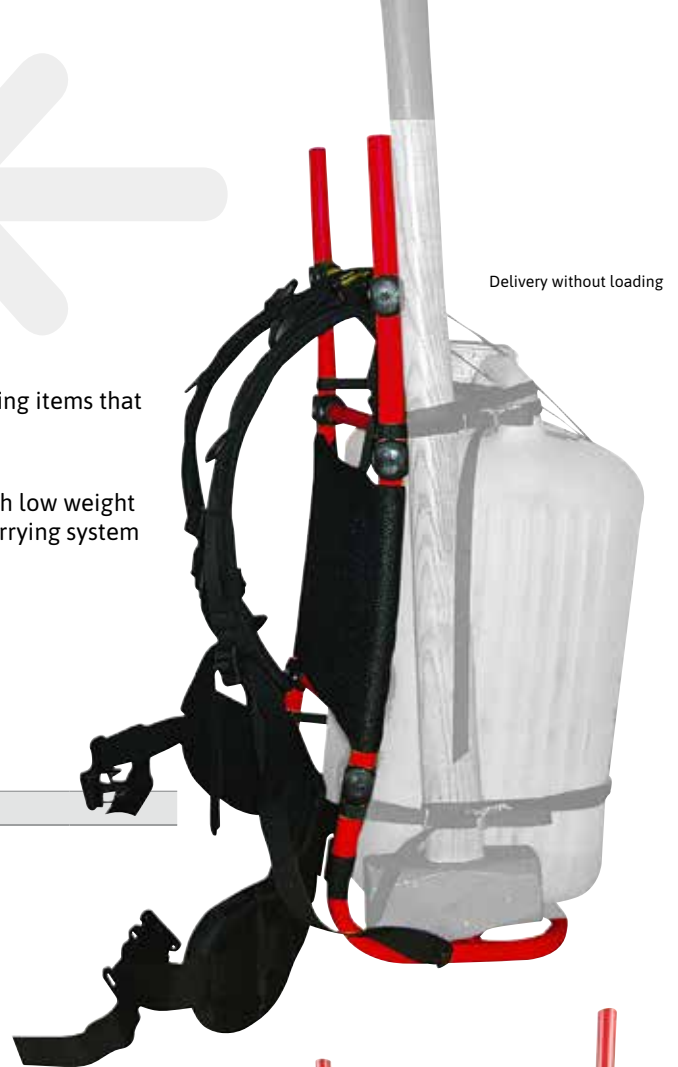
- sturdy, powder-coated aluminum frame with low weight
- exceptional comfort thanks to backpack carrying system
- well-padded straps and wide hip belt

Technical data:

Maximum load: 35 kg
Dimensions: 680 x 370 x 200 mm
Weight: 1,600 g

Item no.

139550



Dönges Transport Module for Load Carriers

In heavily wooded areas or on slopes in particular, the site of the emergency can often only be reached on foot, as emergency vehicles cannot leave the forest roads. Whether hoses, tanks, pumps, or tools – the equipment must still be transported from the emergency vehicle to the fire. Depending on the distance and equipment, this can be really hard work, and rescue workers appreciate any help they can get.

With the Forest Fire Backpack module, all equipment can be transported quickly and effortlessly to where it is needed. The bag is made of robust tarpaulin material and offers space for all types of materials and equipment.

Features:

- offers plenty of space for materials
- easy attachment of the add-on module
- made of robust tarpaulin material
- easy to clean

Technical data:

Dimensions: 680 x 370 x 200 mm
Weight: 400 g

Item no.

201970



Dönges ACME Signal Whistle Tornado No. 636 Slimline

This whistle is one of the loudest whistles in the world. It reaches a volume of up to 117 dB and, thanks to its extreme range, the sound can be heard for miles. This makes it an ideal communication aid, especially in the field of vegetation firefighting. With this whistle, you can reach tones in up to 4000 Hz.

Unlike many other whistles, this special signal whistle does not have a ball. Thanks to its three air outlets, this whistle has a distinctive sound. In the past, the whistle was manufactured as a rescue whistle, which was also attached to many life jackets. Therefore, the whistle is also waterproof and can be used at any time. With the key ring, you can easily store the whistle on your key ring or in your jacket pocket.

The whistle is particularly light, weighing approx. 10 grams. It can also be used as a referee whistle, coach whistle or dog whistle.

Technical data:

Volume: 117 dB



Item no.	Dimensions mm	Color	Weight g
212436	44 x 20 x 5	orange	10

Dönges Dekon Rag cleaning cloth

Practical and highly effective cleaning cloth for cleaning hands and surfaces. Removes even the toughest dirt quickly, thoroughly, and gently. Suitable for grease, oil, adhesive, tar, wax, soot, paint, ink, sealant, polyurethane (PU), and much more. After cleaning your hands, the wipes still have enough cleaning power to clean tools and equipment. The wipe is saturated with a cleaning fluid, is particularly tear-resistant and has a nubbed side for heavy soiling and a smooth side for gentle hand cleaning. The particularly good cleaning effect is achieved by the combination of the special cloth surface and the cleaner. Tested quality with NSF approval. Individually packaged, airtight wrapped, can be used at any time without water. Cleaning fluid with moisturizing ingredients for skin protection.

Features:

- impregnated cloth, individually packaged
- cleans quickly, thoroughly and gently without water
- the cleaning solution has an antibacterial, moisturizing and quick-drying effect
- easy to remove
- large cloth
- particularly tear-resistant
- with NSF approval

Technical data:

Color: grey
Fragrance: Orange
Wipe size: 27 x 31 cm
Sachet dimensions: 12 x 8.4 x 0.5 cm
pH value: 7.8



Item no.	Scope of delivery Pcs.	Weight g
201525	1	18
201526	10	180
201528	50	900
201527	100	1.800

Burnshield Rescue Kit

The Rescue Kit contains all standard sizes for the initial treatment of burns.

Scope of delivery:

- 1 Pcs. Nylon emergency bag
- 2 Pcs. Compresses 10 x 10 cm
- 2 Pcs. Compresses 20 x 20 cm
- 2 Pcs. Compresses 60 x 40 cm
- 1 Pcs. yellow bandage 2.5 x 50 cm
- 1 Pcs. yellow bandage 5 x 100 cm
- 1 bottle Hydrogel 125 ml
- 1 Pcs. Rescue blanket
- 2 Pcs. Fixation bandage
- 1 Pcs. Soft bandage 6 cm
- 1 Pcs. Foil plaster 2.4 x 500 cm
- 1 pair Scissors
- 1 pair Gloves



Item no.	Dimensions cm	Weight g
268120	14 x 33 x 9	1,630

Burnshield Hydrogel

Burnshield Hydrogel is also available in a practical dispenser for cooling minor burns and supporting wound healing.



Item no.	Type	Content ml	Weight g
268105	Dispenser	50	70
268106	Spray bottle	125	150
268107	Spray bottle	250	250



Dönges Emergency Backpack SEG with Inner Pockets

The Dönges Emergency Backpack SEG is the perfect companion for firefighters and paramedics, as its well-designed construction and robust material make it the ideal backpack for emergency operations! Various inner pockets in different sizes and colors can be attached to the emergency backpack with Velcro. Four inner pockets in different colors are already included. The lid offers space for documents and small items, and an integrated ampoule holder for up to 12 ampoules ensures organization and quick access to medications. The backpack is made of extremely robust and wipeable tarpaulin material that reliably protects the contents from moisture. Welded seams provide additional water resistance. Thanks to its ergonomic design and careful workmanship, the backpack offers a high level of carrying comfort. The reflective elements on the outside increase visibility in low-light conditions and contribute to the safety of emergency personnel. On the front of the backpack is a Velcro strip for attaching a reflective patch. Rely on the Dönges SEG emergency backpack as a dependable companion on your missions. Order today and benefit from the high quality and practical features of this versatile backpack. Secure your ideal helper for emergency situations!

Features:

- particularly robust material, durable construction
- ergonomic design
- high visibility thanks to reflective elements
- water-resistant thanks to welded seams

Scope of delivery:

- 1 Pcs. Dönges emergency backpack SEG
- 1 Pcs. blue inner bag
- 1 Pcs. green inner bag
- 1 Pcs. red inner bag
- 1 Pcs. yellow inner bag



1



2

Item no.	Item	Dimensions B x W x T mm	Volume l	Weight g
201480	1 Emergency backpack SEG 29 l with modular pouches and contents according to DIN 14142:2018-09	360 x 420 x 190	29	3,665
202238	2 Emergency backpack SEG 42 l with modular pouches and contents according to DIN 13155:2016-03	400 x 530 x 200	42	6,880

Ergodyne Chill-Its Cooling Towel

Evaporative cooling towel. Simply activate the towel by placing it in cold water for about one minute and then briefly wringing it out. Then, wrapped around your head, neck, or joints, the towel provides pleasant cooling for hours. Keep a cool head whenever you want.

Features:

- innovative PVA cooling technology
- extremely evaporative, feels significantly cooler than the surrounding air
- quick and easy activation – hold under running cold water for one minute
- cooling effect lasts for several hours
- can be reactivated by simply moistening
- machine washable



Item no.	Color	Size cm	Weight g
200425	blue	33 x 75	176
200787	grey	33 x 75	176
200788	lemon	33 x 75	176
200427	orange	33 x 75	176
200655	pink	33 x 75	176
200428	blue	10 x 75	90

Ergodyne Microfiber Cooling Towel Chill-Its 6602MF

Evaporative microfiber cooling towel. The towel is activated by soaking it in cold water for approximately one minute and then briefly wringing it out. Then, wrapped around the head, neck, or joints, the towel provides pleasant cooling for hours. Keep a cool head, even during the hottest shifts! The special microfiber is particularly absorbent. This makes this towel a great hand towel, not just for wiping away sweat.

Features:

- soft and absorbent microfiber material
- extremely breathable, feels significantly cooler than the surrounding air
- non-toxic and chemical-free
- to activate, simply soak with cold water, wring out excess water, and shake briefly
- machine washable
- UPF 50 protection against harmful UV radiation
- size 25 x 104 cm
- weight 86 g

Item no. Color

200426	blue
200653	orange
200651	grau
200652	lemon



Ergodyne Cooling Pad for Safety Helmets, Chill-Its 6715CT

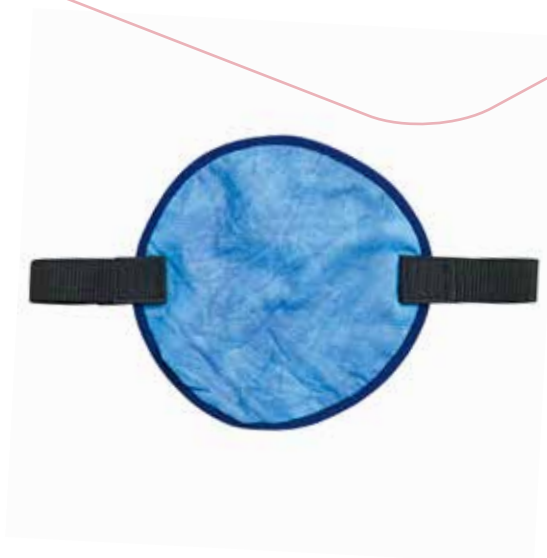
The Chill-Its 6717CT cooling pad for safety helmets is strapped into safety helmets to provide up to four hours of cooling. The flat and lightweight insert features advanced PVA cooling technology that provides instant cooling as soon as it is activated.

Evaporative cooling technologies like PVA (polyvinyl alcohol) are a simple, effective, and convenient solution for preventing heat stress. Similar to how sweat cools the body, evaporative technologies use an external water source to dissipate heat – helping to regulate body temperature while providing cooling.

Features:

- innovative PVA material
- fits most safety helmets; hook-and-loop straps ensure secure attachment to the suspension
- to activate, hold underwater for one minute for instant cooling that lasts up to four hours
- note that PVA materials stiffen when drying; to reactivate and soften, simply hold underwater
- machine washable if needed and hang to dry

Item no.	Color	Weight g
200446	blue	36



Ergodyne Cooling Neck Warmer for Safety Helmet, Chill-Its 6717CT

The Chill-Its 6717CT cooling safety helmet liner with neck warmer buckles into safety helmets to provide up to four hours of cooling while protecting the neck from sun damage. The flat and lightweight liner features advanced PVA cooling technology that provides instant cooling as soon as it is activated.

Evaporative cooling technologies like PVA (polyvinyl alcohol) are a simple, effective, and convenient solution for preventing heat stress. Similar to how sweat cools the body, evaporative technologies use an external water source to dissipate heat – helping to regulate body temperature while providing cooling.

Features:

- innovative PVA material
- shades the neck to protect against harmful UV rays
- fits most safety helmets; hook-and-loop straps ensure secure attachment to the suspension
- to activate, hold under water for one minute for instant cooling that lasts up to four hours
- note that PVA materials stiffen when drying; to reactivate and soften, simply hold under water
- machine washable when needed and hang to dry

Item no.	Color	Weight g
200285	blue	68



Ergodyne Bandana with Cooling Towel Hook and Loop Fastener Chill-Its 6705CT

Advanced PVA material keeps you cool without bulk.

Features:

- the advanced PVA material is easily and quickly activated when submerged in water for one minute
- reusable, simply re-wet
- extremely evaporative cooling process helps you stay cool
- flexible hook and loop fastener
- patented design

Item no.	Color	Weight g
200662	lemon	59
200283	blue	59



Ergodyne Cooling Head Scarf with Cooling Cloth Chill-Its 6710CT

Evaporative Cooling Triangle Scarf with Cooling Cloth:
Advanced PVA material keeps you cool without bulk.

Features:

- innovative PVA material is easily and quickly activated when held underwater for one minute
- reusable: simply immerse in water to reactivate
- extremely evaporative cooling process helps you stay cool
- lightweight and flat, perfect for use under a helmet
- tie closure

Item no.	Color	Weight g
200667	lemon	77
200442	blue	77



INTERVIEW

ALEXANDER HELD

As a forestry expert, you surely see the issue of vegetation fire suppression somewhat differently than fire departments. What should be more on the agenda from your perspective?

Vegetation fires have arrived in Germany. While bark beetles and usually storm damage also tend to stay within the forest and primarily concern foresters and forest owners, fire is more complex. It leaves the forest and very quickly becomes a matter for civil defense/population protection. The term „forest fire“ already implies this! Foresters must approach the issue with the same mandate, motivation, and energy as the fire department. Because without preventative measures in and around the forest, the fire department's deployment too often becomes unnecessarily risky and inefficient. And without actively fighting a wildfire, prevention is often useless; therefore, we must think, plan, and act together. And we must also keep the political and financial framework of all stakeholders in mind. This concerns the environment, agriculture, forestry, interior affairs, spatial planning, weather, early warning systems, awareness raising, education, research, etc. ... Well, congratulations, it's getting complex.

In which areas could forestry and fire departments cooperate more?

In my observation, cooperation often works well at the local level because people know each other. This „knowing each other“ (or even trust) is not automatic, however; it has to be cultivated. Especially when you think about levels such as county, region, state – all the way to mutual assistance internationally. Positive examples do indeed exist from Mecklenburg-Western Pomerania to Bavaria. Unfortunately, these good examples are all too often based on personal commitment and motivated individuals... but sometimes also on forest fire competence centers that will be staffed 50/50 by forestry and fire department personnel! In Baden-Württemberg, a so-called tandem system for forest fire management has been established since 2023. It begins with the district forester and the team of foresters, the local fire chief with his crew, and extends to the state forestry president, who forms a tandem with the state fire director. Overall, it must be clear to all involved that everyone in their respective area of responsibility is doing preparatory work for the others, so that ultimately everyone can get through the dry summers without a forest fire catastrophe.

If you had one wish for the forestry operations and fire departments, what would it be?

Long-term, sustainable commitment, constructive cooperation, and mutual political support. Then the resilient forest of the future will also be a concern for the fire department, and firefighting (operational safety) will be a concern for foresters and forest owners! And not just in a particularly dry summer, but always, 365 days a year.

The discussion about the increased use of helicopters and airplanes is growing. In the USA and Mediterranean countries, „retardant“ is increasingly being used as an extinguishing agent. Would that also be an alternative or supplement in Germany?

Airborne firefighting, if well coordinated with ground troops and aggressive in the initial attack, can be very effective! Dropping 3,000 liters of water from the air – that's really expensive water! Anything that helps make this water „wetter“ and more effective should, in my opinion, at least be

considered. I worked for a long time with and under firefighting aircraft in South Africa, where environmentally friendly gel or wetting agent addition was standard practice. It's the same in the rest of the world. Similar to how fire is used for firefighting

„Long-term sustainable commitment, constructive cooperation, mutual political support.“

worldwide. All of this will eventually come to Germany as well (and must). But it's not just aerial firefighting; ground-based firefighting water is also becoming increasingly scarce. Increasing the efficiency of the limited water available must therefore be considered here as well.

There have been several state procurements for forest fire tanker trucks based on Unimog or Tatra chassis. You yourself drive a pickup truck with a Vallfirest firefighting system. Wouldn't this be a useful addition for fire departments?

I'm coming back to my comment from above. The entire wildfire fighting world also uses the light 4x4 pickup truck equipped with wildfire tools and a rapid intervention system. During mountain troops training in 1994, I was once asked: „Hero, what are you doing right that everyone else is doing wrong?“ I often think about that now... A pickup truck as a multifunctional, cost-effective emergency vehicle for the fire department and even in forestry, the use of tactical fire, helicopters or firefighting aircraft – what are we doing right, what



Alexander Held holds a degree in Forestry (MSc) and after his studies began his career in fire ecology, then soon switched to fire management and gained years of practical experience in fire management in South Africa in cooperation with the USA and Australia. He has worked worldwide as a consultant for the World Bank, KfW, OSCE, FAO, GIZ, etc., on the topic of fire and has been at the European Forest Institute since 2012. Until January 2024, the short-term project „WKR Forest Fire Climate Resilience,“ funded by the German Federal Government, ran there.

www.waldbrand-klima-resilienz.com

are all the others doing wrong? Seriously, a 4x4 pickup is so multifunctional and relatively inexpensive that I see it as an almost essential addition and combination (weapons combination) to other vehicles. Of course, equipped with a small, high-quality firefighting system, hand tools such as hoes, shovels, backpack sprayers, leaf blowers, etc.

The KWF conference takes place in Blackenborn in June. Is a visit also recommended for fire departments?

The KWF conference is probably the world's largest outdoor forestry event! In 2024, there will be a special exhibition on forest fires. That makes sense, because it's called FOREST fires, and the forestry sector still has a lot of catching up to do in this area. We want to explore the topics before, during, and after forest fires with selected exhibitors and stakeholders, and highlight current developments and possibilities related to the key themes of „fire management on munitions-contaminated areas“ and „firefighting without water.“ Dönges will also be there! An informal wildfire network meeting is also planned for the evening of June 21, see above: „get to know each other, like each other, trust each other“.

At Dönges' „Wildfire Camp,“ you were a speaker on stage. You jokingly called for people to eat more venison. What do you mean by that?

A forest that has the attribute „typical forest microclimate“ burns less. This is because the soil and vegetation are moister, it's less windy, cooler, and shadier. However, it only has this effect if it is managed and used carefully and resiliently, meaning as completely and holistically as possible. It's similar to our gut bacteria with the „complete system“ of the forest. The more and the more diverse the gut bacteria we have, the better it is for our immune system. And it's the same with biodiversity in managed forests! But this also requires

**„A forest that has the attribute
typical forest microclimate' is less
likely to burn. Because it is more
moist in the soil and vegetation,
less windy and cooler.“**

many different herb and tree species. And it is precisely these herb and tree species that are often selectively chosen and eaten by deer and stags. Unfortunately, what often remains is pine and spruce...

even a layperson can see that something is missing for the „forest microclimate“ that makes forests less flammable. So, eat more game!

Dönges Pioneer Shovel

Especially short and handy ballast shovel, black powder-coated. Robust blade with long handle socket. Supplied with CY handle made of beechwood.

Technical data:

Length: 960 mm
Blade size: 300 x 240 mm
Weight: 1,850 g

Item no.

210530



Dönges Folding Shovel – Import Version

The affordable alternative to the original German Army folding shovel with test number according to TL (Technical Delivery Conditions of the German Army). Olive green painted, all metal, folded length 240 mm, blade dimensions 210 x 155 mm. Good quality. Comes with a practical canvas belt pouch.

Features:

- The ultimate outdoor companion: The ultra-lightweight folding shovel weighing only 1300 g, it's your reliable helper for setting up camp, tents, fire pits, and much more. Thanks to the lockable handle with a screw mechanism, you can master any challenge.
- Maximum space, minimum pack size: This shovel folds down ultra-compactly and can be stored cleanly in its pouch, perfect for a backpack or car.
- Unstoppable on any terrain: The robust shovel effortlessly penetrates obstacles. Powerful, reliable, and ready for any challenge.
- Always within easy reach: Thanks to the belt loop on the canvas carrying case, you can conveniently carry this practical tool on your belt.

Technical data:

Packed dimensions L x W x H: 240 x 155 x 55 mm
Length when unfolded: 590 mm
Blade size: 210 x 155 mm
Weight: 1,300 g

Scope of delivery:

- 1 Pcs. Folding shovel
1 Pcs. Storage holster

Item no.

210565



Dönges FireAXEss Fire Axe

The FireAXEss was specially developed for use by fire departments. The axe features a 3 kg hardened steel head and a robust fiberglass handle. Due to its special cutting edge geometry, the axe achieves more power with the same effort than a conventional wooden axe. The head also has a flattened side that can be used as a sledgehammer or for driving in other tools. Special notches allow for the quick attachment of a hooligan tool using additional Velcro straps for easy transport. A carrying strap system is also available for this combination.

Features:

- greater impact with less effort
- special cutting edge geometry
- robust handle made of durable fiberglass
- axe head with slot for a Hooligan tool
- hardened steel for long service life
- perfect in combination with proven Hooligan tools

Technical data:

Handle material:	Fiberglass
Head material:	CF53 steel
Dimensions L x W x H:	925 x 300 x 90 mm
Weight:	4,400 g

Item no.

211623



Dönges Fire Axe with Fiberglass Handle

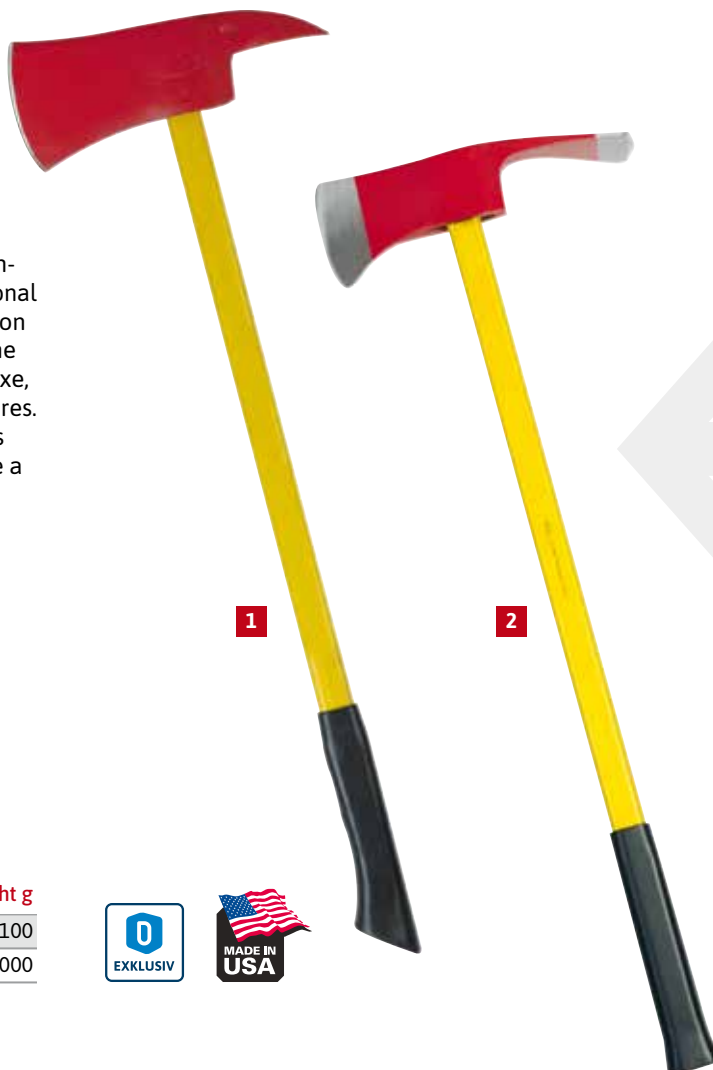
These axes, especially common in the USA and other English-speaking countries, are popular primarily due to their exceptional durability. The NUPLA handle, thanks to its special construction and high fiberglass content, is virtually unbreakable. While the „American style“ fire axe is similar in use to the German fire axe, the Pulaski axe is primarily used for fighting bush and forest fires. The axe blade is used for cutting down low-hanging branches or felling small trees, while the pickaxe can be used to create a firebreak on all types of soil.

Features:

- virtually indestructible handle
- high-quality, forged axe head
- good electrical insulation
- excellent value for money

Technical data:

Length: 90 cm



Item no.	Ausführung	Weight g
210480	1 American style	4,100
210481	2 Pulaski style	3,000





FIGHT
THE ELEMENTS

EARTH

NATURALLY
in forest fire fighting

The element of earth plays a crucial role in wildfire suppression, especially in creating firebreaks to stop the fire or slow its spread. Firebreaks, also called fire lanes, are strips of vegetation-free ground that serve as a barrier against the fire. By removing flammable material such as leaves, branches, and grass, the fire is deprived of fuel – and this is precisely where the earth becomes particularly important.

Procedure for Creating Firebreaks

Creating a firebreak requires precision and physical effort. First, the top layer of vegetation is removed. This is done using special hand tools that can both loosen and clear the soil. The goal is to create a strip wide enough that the fire cannot jump over it – usually between one and three meters. Particular attention is paid to the soil. The deeper and more thoroughly the vegetation is removed, the more effective the firebreak will be. The bare earth must be exposed, as organic residues such as roots or dead leaves could still serve as an ignition source. In rough or stony terrain, this is a real challenge, which is why manual labor is often the only option in these areas.

Use of hand tools

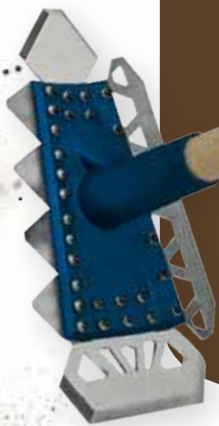
Specialized tools are used to effectively create firebreaks. Frequently used tools from Dönges include the McLeod tool, the Durango wildfire hoe, and the Gorgui. These allow the soil to be exposed and loose vegetation to be quickly removed. Ergonomic design also plays a role, as the work is often carried out over extended periods in inaccessible terrain.

Dönges Durango Wildfire Hoe

Ideal for difficult terrain

This hoe is specifically designed for wildfire fighting. Its robust design, high-quality materials, and balanced weight-to-power ratio make it a reliable companion in challenging situations. With a sharp blade for cutting through roots and dense brush, and a back for loosening soil, it is an indispensable tool for creating firebreaks in overgrown areas. Its versatility makes it particularly useful in hard, dry soils. This type of hoe has long been used in the USA and is standard equipment for hot shot crews specializing in vegetation fires.

- *Robust design*
- *high-quality materials*
- *efficient wildfire fighting*
- *deal for difficult terrain*



Vallfirest Gorgui V2
This multi-talented tool combines five essential tools

Vallfirest Gorgui V2

Robust Multi-Talent

This multi-tool is specifically designed for wildfire fighting. It was developed based on the experience of the most advanced firefighting teams with hand tools and their needs. Its main feature is its versatility on all types of soil. The ergonomically designed tool, with its lightweight yet robust construction, allows for the quick and precise application of firebreaks. It particularly demonstrates its strengths in firm or stony ground. This multi-talented tool is an all-in-one device that combines several functions required for firefighting: chopping, clearing, digging, raking, and grass cutting.

- Versatile multi-tool
- Suitable for all types of soil
- All-in-one device
- Combines 5 essential tools

Dönges McLeod Tool

Rake & Hoe in One

A classic among wildfire tools, combining two functions. On one side, a hoe for removing soil and vegetation, and on the other, a rake for pushing away loose material such as branches and leaves. The Nupla handle offers high stability and durability, while the quick-release coupling allows for quick tool changes. This tool is particularly well-suited for quickly creating firebreaks, as it efficiently combines several steps.

- Versatile McLeod Tool
- Combines rake and hoe
- Nupla handle for high stability



McLeod Tool
Perfect for the quick creation of wound strips



Durango Forest Fire Hoe
Robust design and high-quality materials for efficient forest fire fighting

Dönges Gorgui V2 Wildfire Tool by Vallfirest

The Gorgui multi-tool has been used in wildfire fighting world-wide for many years and is now in its second generation and has been further improved. The McLeod function has a larger working surface to increase productivity. Its use as a hoe is now more clearly defined. The working surface of the Pulaski hoe has also been improved for more efficient work. The balance has been particularly redesigned, making it easier to switch between the different functions. The angle of the Pulaski has been adjusted for rocky terrain. The rake material has been further hardened. The handle is now made of stronger material and ergonomically adapted to the latest US Forest Service standards.

Features:

- proven and used worldwide
- improved balance and stability
- combines four tools in one: McLeod, Pulaski, rake, and hoe
- adapted to the latest US Forest Service standards

Technical data:

Tool head size:	335 x 185 mm
Handle length:	125 cm
Material thickness:	4 mm
Material 1:	Hardox 500 steel
Material 2:	Eucalyptus wood
Diameter Ø:	31 mm



Item no.

Weight g

202408

2,780

Dönges Durango Forest Fire Hoe

The Durango forest fire hoe is an indispensable tool for use in fighting forest fires. Its robust design, high-quality materials, and balanced weight-to-power ratio make it a reliable companion in challenging situations. The Durango was specifically developed for effective and efficient use in fighting forest fires. Its sophisticated design allows for precise handling and facilitates work in difficult terrain. Due to its different widths, the Durango can be used in loose soil as well as harder soil conditions. It is particularly suitable for creating firebreaks and for mop-up operations. Pit holes can be prepared with the pointed end and widened with the broad side. Chainsaw operators use the Durango as a „hammer“ to drive felling wedges into trees. On a smaller scale, the flat underside can also be used to stamp out a smaller fire line with a short flame length.

In the USA, this type of hoe has been used long and is standard equipment for hot shot crews specializing in wildfires.

Technical data:

Length:	1,330 mm
Leaf dimensions:	150 x 230 mm



Item no.

Weight g

202313

1,850

Dönges Pulaski Axe with Hickory Handle

The Pulaski axe was developed for fire and forest fire fighting. With its double edge – a combination of axe blade and shovel – it is ideal for digging, clearing, and chopping. Whether in the garden, camping, or in the wilderness, this axe effortlessly handles a variety of tasks. The axe blade is made of hardened steel and precision ground to ensure long-lasting sharpness. The hickory wood handle, known for its shock absorption and strength, provides comfortable handling and minimizes fatigue. The ergonomically shaped handle offers a comfortable grip, making work efficient and less strenuous. The right balance between the head and handle allows for precise control and clean cuts. Both the axe blade and the hickory handle have been carefully selected and crafted to ensure long-lasting durability. The axe blade and the hickory handle have been carefully selected and finished to guarantee years of use.

Features:

- versatile applications
- high-quality materials
- precise handling

Technical data:

Length:	910 mm
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Item no. Length mm

Weight g

202273 910

1.600

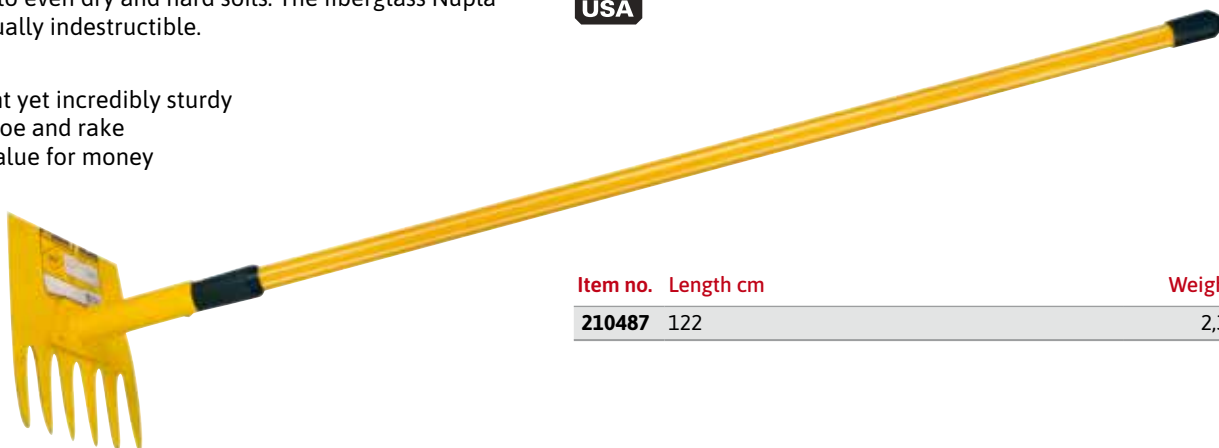
Dönges McLeod Tool with Nupla Handle

Sturdy, specialized tool for creating wound strips on forest floors. The sharply honed hoe cuts through roots, while the rake effortlessly digs into even dry and hard soils. The fiberglass Nupla handle is virtually indestructible.



Features:

- feather-light yet incredibly sturdy
- combines hoe and rake
- excellent value for money



Item no.	Length cm	Weight g
210487	122	2,390

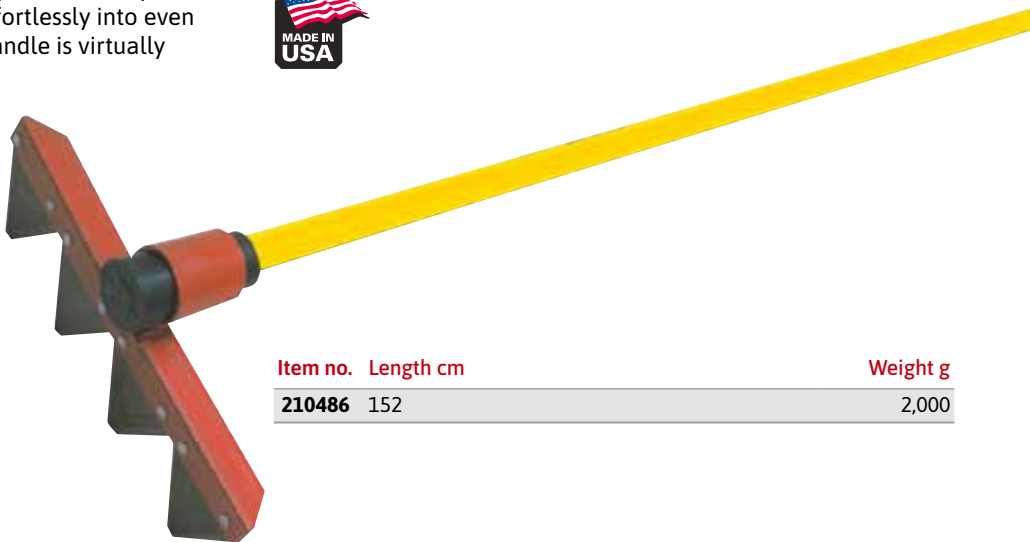
Dönges Fire Rake with Nupla Handle

A very sturdy, specialized rake for creating a wound strip on forest floors. The rake's sharp teeth dig effortlessly into even dry and hard soils. The fiberglass Nupla handle is virtually indestructible.



Features:

- feather-light yet incredibly sturdy
- sturdy, sharpened teeth
- excellent value for money



Item no.	Length cm	Weight g
210486	152	2,000

Dönges Hoopoe Hoe with Oval Blade

The hoopoe hoe helps to expose smoldering embers hidden in the humus layer. Originally used in agriculture, this tool has also been a functional aid in firefighting for many years. Forged steel, machined from a single piece. The handle must be ordered separately.



Item no.	Item	Weight g
210663	Dönges hoopoe hoe with oval blade	1,800
210664	Dönges handle for hoopoe hoe, length 1,050 mm	1,000





Tool heads –
As individual
as your
requirements

Inteletool Telescopic Fiberglass Handle

The telescopic handles with interchangeable system offer the user maximum flexibility. The handles can be stored in a space-saving manner and can be extended to the required length as needed during use. Thanks to the numerous tool heads, an entire tool assortment can be stored in a very small space, ensuring you are prepared for any situation.

Safety is also a priority with this system. Fiberglass-reinforced plastic inherently offers a high level of protection against electrical and thermal hazards. The telescopic function features a double safety system. The handle can be locked at any length with a quarter turn (twist-lock). The handle is further secured with the locking ring.



Features:

- durable and robust material
- double safety thanks to twist-lock and screw locking mechanism
- infinitely adjustable length
- easy tool head replacement
- insulated against cold and electrical voltage
- rubber-coated handle end for enhanced grip

Item no.	Size	Length m	Handle	Weight g
200859	S	0.61 - 1.22	straight	1,030
200860	M	1.22 - 2.44	straight	1,590
200861	L	2.44 - 4.88	straight	2,950

Inteletool Tool Head

High-quality and robust tool head made entirely of metal. The tool head is screwed onto the handle and then additionally secured with the locking ring.

Thanks to the modular system, you can store a variety of tools in a very small space. At the work site, simply screw on the required tool head and you're ready to go.

Features:

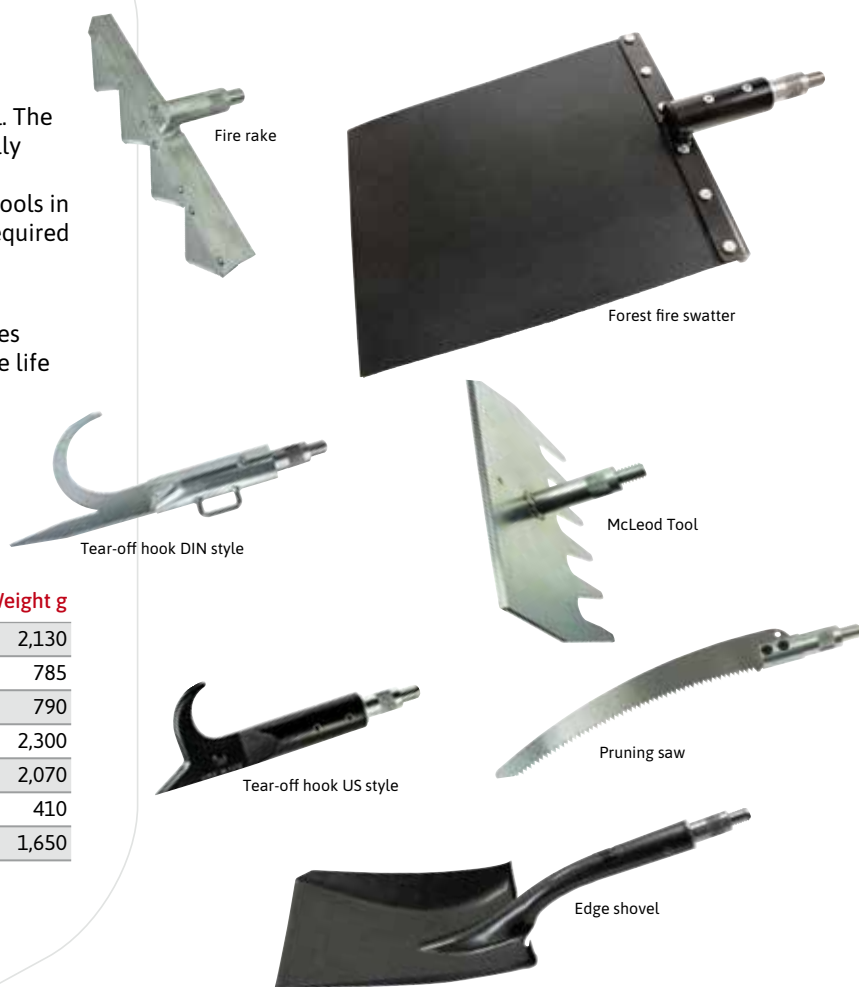
- suitable for all telescopic fibreglass handles from Dönges
- made of solid material for high stability and long service life
- space-saving storage of tool heads possible
- cost-saving, as only one handle needs to be purchased

Technical data:

Leaf size forest fire patch: 305 x 380 mm

Useful length saw: 310 mm

Item no.	Shape	Dimensions B x W x T mm	Weight g
201150	Tear-off hook DIN style	425 x 195 x 60	2,130
200865	Tear-off hook US style	41 x 104 x 324	785
200856	Fire rake	303 x 110 x 105	790
200857	Forest fire swatter	305 x 75 x 545	2,300
200858	McLeod tool	280 x 230 x 114	2,070
200864	Pruning saw	32 x 65 x 430	410
201122	Edge shovel	237 x 95 x 567	1,650



Inteletool Tool with Telescopic Fiberglass Handle

Handle sizes at a glance:

M = 122 - 244 cm

L = 244 - 488 cm

Features:

- durable and robust
- double safety thanks to twist-lock and screw locking mechanism
- infinitely adjustable length
- easy tool head replacement
- handle insulated against cold and electrical voltage (not certified)

Item no.	Size	Version	Weight g
201152	M	Tear-off hook DIN style	1,950
200871	M	Tear-off hook US style	2,375
200866	M	Fire rake	2,380
200867	M	Forest fire patch	3,890
200868	M	McLeod tool	3,660
200870	M	Pruning saw	2,000
201153	L	Tear-off hook DIN style	3,950
200877	L	Tear-off hook US style	3,735
200872	L	Fire rake	3,740
200873	L	Forest fire patch	5,250
200874	L	McLeod tool	5,020
200876	L	Pruning saw	3,360



Stubai Hand Log Grapple with 2-Component Handle, 190 mm

Features:

- high-quality steel grips
- tempered and powder-coated
- adjustable, screw-in joints
- non-slip, ergonomic two-component handle
- with hand guard
- for log diameters up to 180 mm

Item no.

140457

Weight g

550



Stubai Forwarding Tongs, 90° Rotating Handle

The hook and tong geometry ensures secure load handling. Wood can be safely picked up and pulled while maintaining an upright body position. Handle position is perpendicular to the tongs.

Features:

- made of high-quality steel
- tempered hook
- screwed and adjustable joints for long-lasting durability
- grippy, non-slip, 90° rotating handle

Item no. Length mm

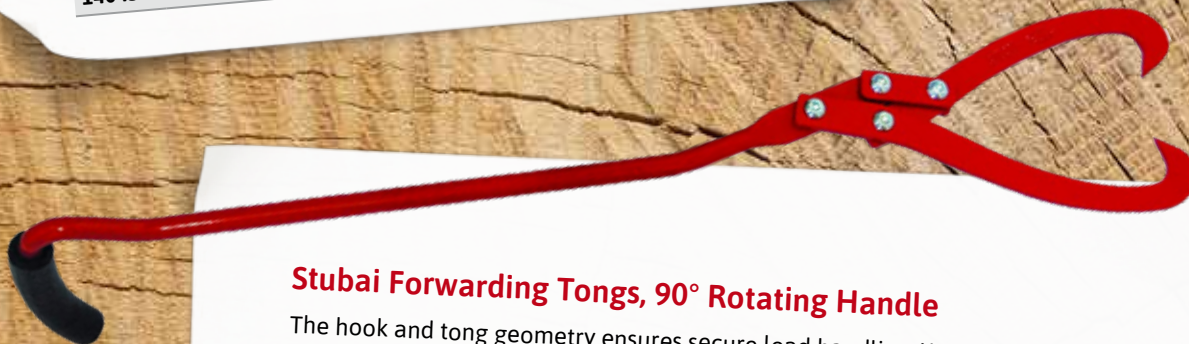
139843 720

Jaw opening mm

265

Weight g

1,400



Stubai Felling Lever with Cork Handle, 1,300 mm

Ideal as a felling aid and perfect for turning tree trunks thanks to the integrated turning hook. The powerful leverage ensures effortless, ergonomic work.

Features:

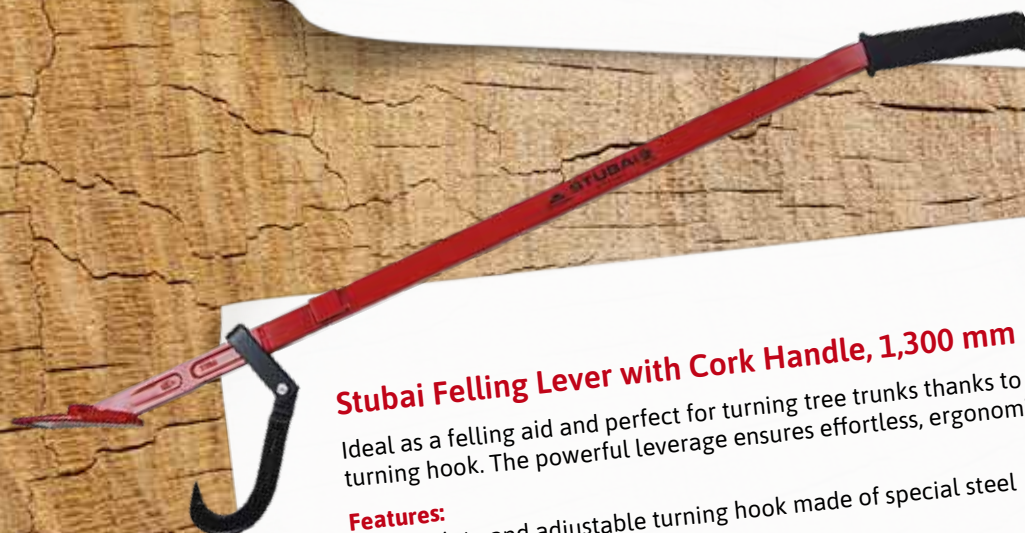
- base plate and adjustable turning hook made of special steel
- drop forged
- non-slip, ergonomic cork handle

Item no.

139005

Weight g

3,500





Stubai Hand Splitting Piston with Blade, Plastic Handle 600 mm

Always a firm grip – thanks to the curved handle and its surface texture, there's no slipping. The sharp tip is ideal for pulling and lifting logs with minimal effort. The integrated blade easily removes branches from the log.

Features:

- blade for cutting through wood fiber remnants on already split logs
- suitable for chopping off smaller branches
- for lifting lighter, cut logs and also for tidying up small and light pieces of wood
- for universal use with recovery vehicles
- handle with knob and hanging device

Item no.

138633

Weight g

840



Stubai Hand Pick with Curved Aluminum Handle

A modern forestry tool has been developed from a Stubai ice axe. Specifically designed for picking up lighter, cut pieces of wood so they can be easily fed into the log splitter.

Features:

- ergonomically curved aluminum handle for back-friendly work
- excellent grip thanks to anti-slip grip and rubber cuff
- break-resistant and lightweight aluminum handle
- sharpened pick tip cuts optimally into the wood

Item no. Length mm

139006 900

138622 700

Weight g

760

540

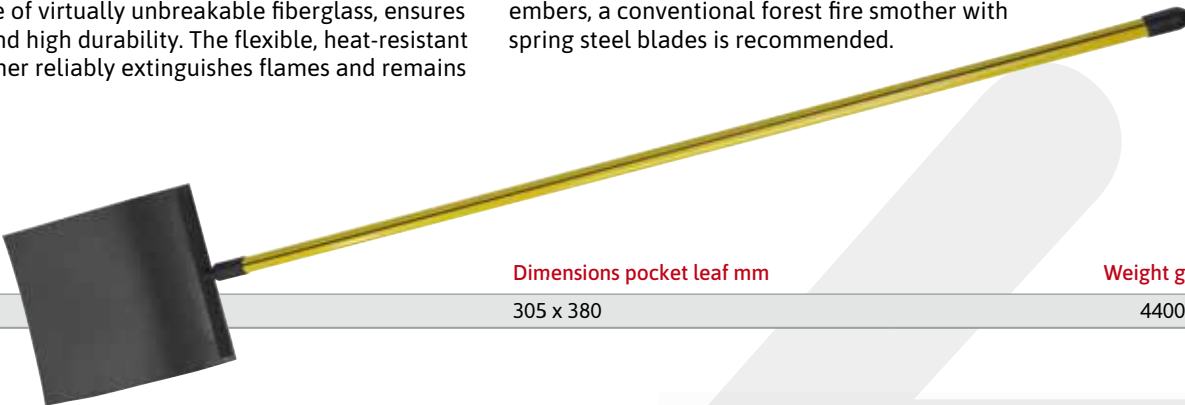


Dönges Forest Fire Smother with Nupla Handle

The forest fire smother is an extremely effective tool for fighting forest fires and is designed especially for rapid deployment on site. Thanks to its light weight, emergency personnel can easily transport it even in difficult terrain. The ergonomically shaped Nupla handle, made of virtually unbreakable fiberglass, ensures a long service life and high durability. The flexible, heat-resistant surface of the smother reliably extinguishes flames and remains undamaged.

However, it is important to note that the heat resistance of the material has certain limits. The smother should be used in such a way that the characteristic „slapping effect“ is achieved, minimizing contact heat. For prolonged extinguishing of smoldering embers, a conventional forest fire smother with spring steel blades is recommended.

Item no.	Length cm	Dimensions pocket leaf mm	Weight g
240860	150	305 x 380	4400

A long-handled forest fire smother with a black rectangular head and a yellow fiberglass handle.

Dönges Forest Fire Swatter, Spring Steel

Proven model with ten spring steel blades. Head made of galvanized sheet steel. The handle is attached via a quick-release fastener.

Technical data:
Dimensions of swatter blade: 400 x 480 mm

Item no.	Item	Weight g
210812	Swatter blade without handle	1,300
201786	Forest fire swatter with handle (2 m)	2,160

A forest fire swatter with a green head and a long wooden handle.

Dönges Shovel Cover for Wildfires

With the shovel cover, a standard shovel is transformed into a ready-to-use wildfire beater. The material is robust and flame-retardant. The shovel cover can be easily rolled or folded and stored in a very small space.

The shovel cover is pulled over the shovel blade and secured with Velcro; in just a few seconds, the converted shovel is ready for use. Note: Due to the material, the cover should only be in brief contact with burning material/flames (contact heat).

Therefore, the cover is not suitable for extinguishing flames with prolonged contact with burning material, but rather for light, gentle tapping to fight fires.

- Features:**
- flame-retardant material
 - simply pulls over a standard shovel and secures with Velcro
 - extremely space-saving storage
 - shovel not included



Technical data:
Material: PVC/PES
Weight: 500 g



Item no.
201524

Dönges Firefighter Backpack by Vallfirest

The Dönges firefighter backpack by Vallfirest is specifically designed for combating forest and vegetation fires. Its ergonomic design with padded shoulder straps and an adjustable chest strap ensures high carrying comfort, even during long operations. Thanks to the innovative valve system, the backpack can be quickly and easily filled, allowing for controlled water streams for effective firefighting. New in the updated model is the metal connection between the backpack and the double-action pump, offering several advantages. This innovative connection enhances the product's durability and reliability, as it is particularly resistant to wear and damage. Additionally, the improved seal reduces the risk of leaks. The increased stability significantly facilitates handling and operation, leading to an overall more pleasant user experience. Made of high-strength polyethylene, the empty backpack weighs only 2,4 kg and holds 20 liters. Its dimensions of 55 cm x 34 cm x 15 cm provide exceptional mobility, especially in hard-to-reach areas. Reflective elements improve visibility and increase personnel safety. To ensure the long-term functionality and leak-tightness of the hand-held fire extinguisher lance, it should be regularly treated with silicone grease. This maintenance measure helps to keep the seals operational and maintain the lance's optimal function.

Features:

- ergonomic design with padded shoulder straps and adjustable chest strap
- easy and quick filling thanks to the innovative valve system
- metal connection for increased durability, leak-tightness, and stability
- material: High-strength polyethylene, Empty weight: 2,4 kg
- capacity: 20 liters, Dimensions: 55 cm x 34 cm x 15 cm
- reflective elements for improved visibility and safety carrying handle

Technical data:

Dimensions: 620 x 480 x 50 mm
Weight: 2,500 g

Item no. Item

202345 Firefighter backpack by Vallfirest

203041 Wetting agent additive, 50 ml



Wetting Agent Additive for Firefighter Backpack

Features:

- Class A wetting agent additive to improve the performance of water in a 20-litre firefighting backpack
- helps penetrate burning material more deeply
- Fluorine-free / PFAS-free (no fluorinated surfactants or polymers, no organic halogens)
- 100% biodegradable
- compatible with dry chemical powders





Dönges Tarpaulin „Storage“ / „Respiratory Protection“

The modular storage tarpaulin is specially designed to provide emergency responders with a clean and safe environment after an operation, such as a breathing apparatus deployment. It can be used both independently as a storage tarpaulin and as an extension to the Breathing Apparatus Storage Tarpaulin (Item no. 202685), making it ideal for larger operations. The high-quality tarpaulin reliably protects against dirty or wet surfaces and allows for safe and hygienic undressing. It impresses with its robust construction, remains flexible even at low temperatures, and is easy to handle. With its B1 certification according to DIN 4102, it is flame-retardant and meets the highest safety requirements. In addition, the tarpaulin features a surrounding hem and eyelets spaced 50 cm apart, making it particularly stable and versatile. It can be folded or rolled up to save space, facilitating transport and storage.

Features:

- high-quality truck tarpaulin with permanent print
- fully hemmed with eyelets every 50 cm (Ø 11 mm)
- permanently flexible tarpaulin, can be folded/rolled up for space-saving storage even at low temperatures
- B1 certified - flame-retardant according to DIN 4102
- can be combined with tarpaulin storage tray JD250000-ATS

Technical data:

Dimensions: 200 x 200 cm
Material: Truck tarpaulin, 800 g/m²
Weight: 3,000 g

**Tarpaulins
available
upon
request**

Dönges Drone Landing Pad

The drone landing pad deployment tarp for fire departments is essential equipment that supports the safety and efficiency of drone operations. Its striking yellow color ensures excellent visibility, which is particularly advantageous in challenging operational scenarios.

The metal eyelets, spaced every 50 cm around the edge of the landing pad, allow for easy anchoring with pegs. This ensures that the landing pad stays securely in place, even in strong winds or on uneven terrain.

Made from a robust truck tarp with a weight of 800 g/m², this landing pad is extremely durable and long-lasting. B1 certification according to DIN 4102 confirms its flame-retardant properties, making it a safe choice for use in demanding environments.

Features:

- high-quality truck tarpaulin with permanent print
- fully hemmed with eyelets every 50 cm (Ø11 mm)
- permanently flexible tarpaulin, can be folded/rolled for space-saving storage even at low temperatures
- B1 certified - flame-retardant according to DIN 4102

Technical data:

Dimensions: 200 x 200 cm
Color: yellow
Material: Truck tarpaulin, 800 g/m²
Weight: 3,000 g





Cyalume ChemLight 15"

The standard product. Used by the US Army as with many other armed forces. Meets all military standards. Has NATO approvals and holds NATO stock numbers. These ChemLights are available in versions with one or two end rings. The special feature of these ChemLights is that the variants with two end rings can also be activated by a short push, i. e. they do not have to be bent. This enables activation even with just one hand.

Item no.	Version/Color	Length cm	Burn time h	Weight g
270290	1 end ring/green	38	12	92
270300	1 end ring/red	38	12	92
270310	1 end ring/yellow	38	12	92
270360	2 end rings/green	38	12	92
270380	2 end rings/yellow	38	12	92
270370	2 end rings/red	38	12	92
270320	1 end ring/white	38	8	92
270280	1 end ring/blue	38	8	92
270350	2 end ring/blue	38	8	92
270390	2 end rings/white	38	8	92
270400	2 end rings/ultra-orange	38	5	92

Cyalume SnapLight 6"

The industrial product. With almost the same luminance and the same operating time, comparable with the ChemLights that are tested in accordance with the highest military standards, SnapLights are the alternative for civil applications.

Item no.	Color	Length cm	Burn time h	Weight g
270540	green	15	12	20
270550	red	15	12	20
270570	orange	15	12	20
270560	yellow	15	12	20
270590	blue	15	8	20
270580	white	15	8	20
200169	yellow	15	0.5	20
200170	red	15	0.5	20
200171	white	15	0.5	20



Cyalume Mini ChemLight

The standard product. Used by the US Army and many other armed forces. Meets all military standards. Has NATO approvals and NATO Stock Numbers.

Item no.	Color	Length cm	Burn time h	Weight g
270020	green	4	4	1
270040	yellow	4	4	2
270010	blue	4	4	2
270030	red	4	4	2
270060	green	5	4	3
270070	yellow	5	4	3
270080	yellow	8	4	5



Cyalume PML Personnel Marker Light

The PML can be secured to clothing using a clip. It was developed for rescue from distress at sea, for example, but is now also used during fire brigade operations for providing the emergency services with better visibility in dense smoke.

Item no.	Color	Length cm	Burn time h	Weight g
270594	green	14	8	65





Cyalume S.O.S. Signal & Light

A ChemLight with protective sleeve and cord. After activation, the ChemLight can be swung round in a circle using the cord in order to convey certain signals. Mainly for maritime use.

Item no.	Color	Length cm	Burn time h	Weight g
270595	green	14	8	45
270596	orange-HI	14	5	45

Cyalume LightShape

LightShapes are mainly used for marking. The selfadhesive Light Shapes can be a lifesaver during operations if they are used to mark the escape route. They are also useful for securing evidence and identifying personnel during operations.



Item no.	Color	Diameter cm	Burn time h	Weight g
270430	green	8	4	14
270420	blue	8	4	14
270460	yellow	8	4	14
270450	red	8	4	14
270440	orange	8	4	14

Dönges Chalk Marking Spray

Conventional paint-based markers often leave their mark for years. This marking spray contains chalk as the basis for the marking. The chalk as a natural substance disappears after some time due to weathering. Therefore, no disturbing markings remain after the work is completed. Marks on asphalt, concrete, earth, grass, wood, sand, gravel, trees, etc.

Features:

- marks on almost any surface
- approved and cataloged by Deutsche Telekom AG
- precise spray pattern thanks to special spray nozzle
- the paint dries quickly
- emptys completely due to the upside-down spray can
- easy to use – no need to remove the cap thanks to pre-cut openings
- propane/butane propellant
- free of toxic and carcinogenic substances
- water hazard class 0
- heavy metal free

Technical data:

Content: 400 ml
Weight: 425 g



Item no. Color

119083	pink
119084	red
119080	blue
119081	yellow
119082	green

Kindswater Euro Nozzle

The Kindswater Euro Nozzle is a nozzle specifically designed for fighting forest and vegetation fires. Thanks to its compact dimensions and light weight, it is ideal for highly mobile operations. Made from robust materials, the nozzle features an aluminum Storz D-coupling. The ergonomic design allows for easy handling, even with gloves.

- Features:**
- ideal for use in forest and vegetation fires
 - extremely compact and lightweight
 - easy to use, even with gloves

Technical data:

Standard: EN 671
Spray range at 6 bar: 23 m
Material: Messing
Coupling: Storz D-25 (aluminium)
Weight: 360 g



Item no.	Version	Flow rate at 6 bar
202741	D10	45 l/min
202742	D4	150 l/min

Kindswater Hollow Jet Nozzle KW-100

Hollow jet nozzle with adjustable spray pattern from solid stream to spray jet to spray jet with a protective pointer in the spray jet position, easily perceptible for better orientation in zero visibility. The flow rates in four detents are adjustable from 40 - 60 - 80 - 100 l/min via a rotary ring.

- Features:**
- each adjustable spray pattern is locked in place by detents
 - ergonomic pistol grip and smooth-running trigger
 - robust construction

Technical data:

Standard: EN 15182-2
Coupling: Storz D-25 (aluminium)
Flow rate at 6 bar: 40-60-80-100 l/min



Item no.
202744

Kindswater HS7 Nozzle

The HS7 Storz D-25 nozzle with a flow rate of 80 l/min at 6 bar is a handy, compact, and lightweight nozzle, particularly suitable for use in fighting forest and vegetation fires.

- Features:**
- handy, compact, and lightweight
 - Ideal for use in fighting forest and vegetation fires
 - easily adjustable spray pattern via rotation



Item no.
202743

AWG HS7 Nozzle

The flow rate is 80 l/min in both solid stream and spray modes at 6 bar. Unless otherwise noted, the permissible operating pressure is PN16. Throw range in solid stream mode: 26 m. Throw range in spray mode: 8 m.

- Features:**
- handy, compact, and lightweight
 - ideal for use in forest and vegetation fires
 - spray pattern easily adjustable via rotation

Item no.	Connection	Type
201408	D	without handle



FIRE-EX 1000 Surfactant Cartridge

In combination with the FIRE-EX surfactant cartridge, the FIRE-EX 1000 surfactant cartridge allows wetting agent to be produced independently of the flow rate.

The FIRE-EX 1000 surfactant cartridge is coupled into the hose line for this purpose, and the surfactant is added by water flowing around the wetting agent cartridge. This admixture reduces the surface tension of the water, which facilitates the penetration of the extinguishing water into the fire and thus increases the extinguishing effect. The result is a higher efficiency of the available extinguishing water quantity.



Item no.	Dimensions mm	Connection	Weight g
201718	199 x 59 x 59	D-D	510

Fire Extinguishing Lance for Mist Fire Suppression Systems

This particularly long version of the „Wide Angle“ extinguishing lance is especially well suited for use in hard-to-reach areas such as joints and intermediate roofs, but also for extinguishing ember nests in hay bales and for vegetation firefighting.

Features:

- Storz D connection
- brass ball valve
- stainless steel lance
- water consumption approx. 70 l/min



Item no.	Type	Length mm	Weight g
281616	Wide-angle	1,500	2,400



Kindswater Suction Basket C - DN 45 Storz C-52

The Storz C-52 suction basket is ideal for use in forest and vegetation fires. Thanks to its compact design and low weight, it is easy to transport with a small pump and hoses to the suction point. The location of the suction point is irrelevant, as the fittings can simply be transported to the appropriate location.

An integrated check valve prevents water from flowing back when the pump is switched off. The large suction opening with a stainless steel screen protects against the ingress of coarse debris and ensures safe operation.

Features:

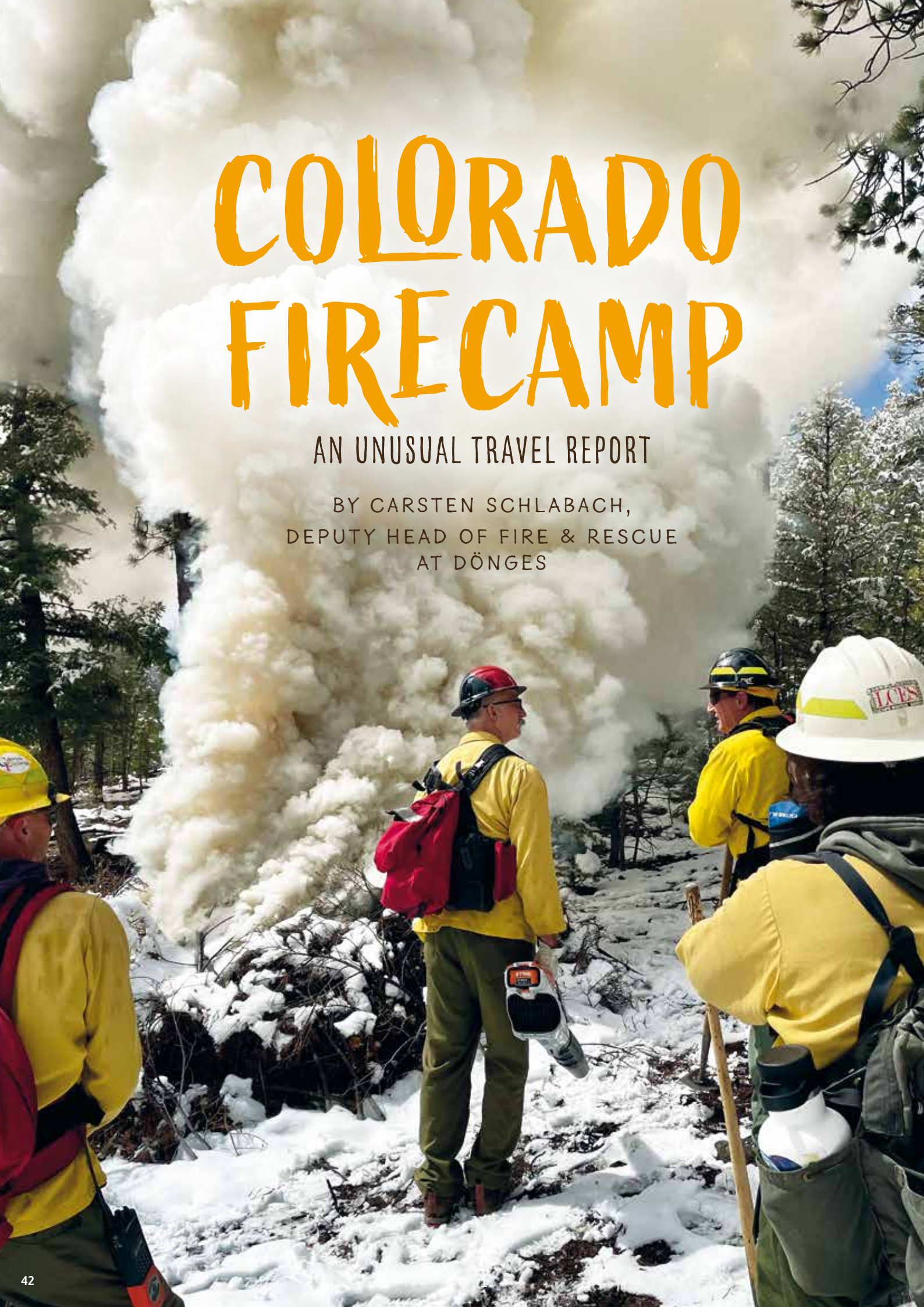
- suction strainer with non-return valve and drain
- ideal for fighting forest and vegetation fires
- suction strainer for use with C-hoses

Technical data:

Outlet:	Storz C-52
Material:	Aluminium
Dimensions L x W x H:	144 x 144 x 221 mm
Weight:	1,490 g

Item no.

202780

A large fire is burning in a snowy forest, with thick white smoke rising into the sky. In the foreground, several firefighters in yellow jackets and helmets are standing on the snow, looking towards the fire. One firefighter in the center has a red backpack. The scene is set in a snowy, wooded area with evergreen trees visible in the background.

COLORADO FIRECAMP

AN UNUSUAL TRAVEL REPORT

BY CARSTEN SCHLABACH,
DEPUTY HEAD OF FIRE & RESCUE
AT DÖNGES

A travel report by Carsten Schlabach | The certified training center Colorado Firecamp offers courses in wildland and vegetation fire fighting for interested parties, from Basic Firefighter ("Wildland Firefighter") to Fire Officer – and I had the opportunity to participate in one of these courses. My trip started in Frankfurt, then I flew for about 9.5 hours to Denver and then another 3.5 hours to Salida, Colorado, to the Firecamp.

Four days of intensive training lay ahead of me. Besides me, 21 candidates from all over the USA were ready to be trained as "Wildland Firefighters" or, more precisely, "S-130/190 Basic Firefighter, L-180, Human Factors on the Fireline and FEMA ICS-100 & ICS-700" – even though only three of the participants

had a firefighting background. Our instructor, Tony, was an experienced firefighter and engine crew boss. Theory was important to him

»PHYSICALLY,
YOU'RE PUSHED TO YOUR
LIMITS.«

as a foundation, but practice is best. And so, consequently, we mostly conducted both outdoors.

The practical training at Wildfire Camp meant not only covering long distances on flat terrain, but also quickly ascending 200 meters in altitude and using the handheld firefighting equipment. Physically, you're pushed to your limits. But the training was also about getting to know the physical demands.

Safety, such as the correct use of handheld firefighting equipment, was the top priority during training. This also included the use of the so-called fire shelters. These offer protection from heat and flames should you actually find yourself in a hopeless situation. Even under training conditions, it's a strange feeling to have to go under this protective shell.

In many tasks, I quickly learned how important teamwork is. For example, working together allows you to create a firebreak in a very short time,

*Collaborative
practical learning
was always the
focus.*

*The entire training
was conducted in
the appropriate
personal protective
equipment.*



even though each team member performs only a single movement at a distance of 3 meters. The sum of these movements ultimately results in a well-placed, sufficiently wide firebreak. Of course, the training also covered fighting vegetation fires using water. This involved damming water, using small pumps, and laying hoses.

Wildland Urban Interfaces ("WUI"), such as houses and cabins near forests, pose a particular challenge in wildfire fighting. Here, we were trained to recognize potential fire loads and learn how to significantly reduce them – for example, by pruning trees, removing vegetation near buildings, or removing leaves, branches, or other deadwood from gutters.

The use of the drip torch was also practiced intensively, so that by the end, each of us could operate it safely. However, the correct, tactical use of these drip torches requires the further training level of "Firing Operations."

»WITH MANY TASKS, I QUICKLY
LEARNED HOW
IMPORTANT THE TEAM IS.«

Of course, all practical training was conducted in the appropriate personal protective equipment (PPE). During the four days, I was able to intensively experience the advantages of the vegetation clothing from Vallfirest and the ATR-1 helmet from Busch. You could almost say it was a four-day wear test with the result: passed with flying colors!

Evenings were also dedicated to learning. For example, one evening there was an information session about possible jobs in wildfire fighting, because every year from April to October, several thousand emergency personnel are recruited.



On another evening, radio communication exercises were conducted in groups. Each team received Lego bricks that they could assemble individually. The other groups then had to figure out how they were assembled by asking questions. Not so easy, and not just a good radio communication exercise, but also an illustration of communication difficulties when conveying complex information.

But of course, there was also a typical BBQ. And a Coors Banquet Beer was a must to end the day. Fun fact: Every year, the Coors Brewery donates \$250,000 to the Wildland Firefighter Foundation in the USA. It's no wonder that Banquet Beer is a favorite among US Wildland Firefighters.

The big final exercise took place at an altitude of approximately 2,600 meters, about 20 miles away. We traveled there in emergency vehicles and were then briefed. The aim of the exercise was for each of us to be able to apply a wound dressing, use the fire extinguisher appropriately,

and continuously monitor the fire, heat development, and smoke production, acting accordingly. Questions about tactics, safety, and the use of handheld equipment were asked concurrently. After three hours, everyone had successfully completed their test tasks. Restoring operational readiness, and especially checking and maintaining the equipment, required several more hours before the certificates could be awarded.

Even though I now have the qualification to apply to wildfire response teams in the USA, I probably won't become a firefighter in this lifetime ;-). However, I will be able to put the insights into tactics and equipment to very good use in my work at Dönges.

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EXKURS: HOTSHOTS

On my journey through Colorado, I was also able to get a brief glimpse into the work of the Pike Interagency Hotshot Crew.



This twenty-person unit of the USDA Forest Service specializes in vegetation fires and is based in Monument, Colorado (USA). It is part of the Pike-San Isabel National Forests & Cimarron and Comanche National Grasslands. The USA has more than 113 hotshot teams, and the Pike IHC is one of five in Colorado. Its history began in 1962 as the Roosevelt Inter-Regional Fire Suppression Crew. Since then, they have repeatedly reorganized and relocated.

The Pike IHC's primary mission is responding to wildfires, though they are also active in disaster relief and resource management. They travel throughout the USA and internationally to fulfill their mission. Their tasks include creating fire-breaks and fire suppression strips, firefighting measures, mop-up operations, monitoring, preventative fires, and reducing hazardous fuels.

The crew can work as a unit or split into smaller teams to respond flexibly to different challenges. On average, they are deployed for about 100 days during the wildfire season and work together around the clock. Teamwork, camaraderie, and flexibility are essential.



Kindswater Ball Valve Manifold

This manifold is used to distribute extinguishing water from a single supply line to multiple hose lines, thus ensuring a reliable water supply at the scene. The manifold is equipped with ball valve shut-offs that are quick and easy to operate in an emergency – making it particularly well-suited for fighting forest and vegetation fires. The continuous C-line allows the scene to be supplied with extinguishing water even over long distances. The D-outlets enable targeted water extraction for effective fire suppression.

Features:

- Manifold with ball valve shut-off
- ideally suited for forest and vegetation fires

Technical data:

Inlet: Storz C-52
Material: Aluminium
Shut-off: Ball valve
Weight: 2,120 g

Item no.	Ausführung	Weight g
202781	DCD, Outlet: 2 x Storz D-25, 1 x Storz C-52	2,120
202676	DDD, Outlet: 3 x Storz D-25	1,700



Dönges Distributor C-DCD for Forest Fires

The Dönges wildland fire distributor ensures a fast and flexible water supply in the field. The Storz C inlet feeds in the extinguishing water and spreads it across three outlets – two Storz D outlets and one centered Storz C outlet. This allows both smaller hoses for firefighting and a powerful C hose to be used without any significant loss of flow. The neon yellow color of the distributor maximizes its visibility in the field. Shut-off is achieved via smooth-running ball valves, which enables the outlets to be opened and closed quickly.

Features:

- compact design – ideal for rough terrain
- easy handling thanks to ergonomic ball valves
- flexible: Firefighting water on two D-type and one C-type lines
- quick coupling via standardized Storz connections

Technical data:

Inlet: Storz C
Outlet: 1 x Storz C, 2 x Storz D
Dimensions: 225 x 250 x 133 mm
Weight: 2,100 g

Item no.

202884



Kindswater Hose Shut-Off Valve DN32

The Storz C-52 hose shut-off valve is used for the effective shut-off of C-hose lines and assists emergency personnel during work on the hose – for example, when lengthening it or when controlling the interruption of the water flow.

Features:

- for shutting off a C-hose line
- easy operation thanks to the ball valve

Technical data:

Outlet: Storz C-52
Inlet: Storz C-52
Material: Aluminium
Shut-off: Ball valve
Dimensions: 170 x 95 x 160 mm
Weight: 1,200 g

Item no.

202782



Dönges Forest Fire Basket Wakob

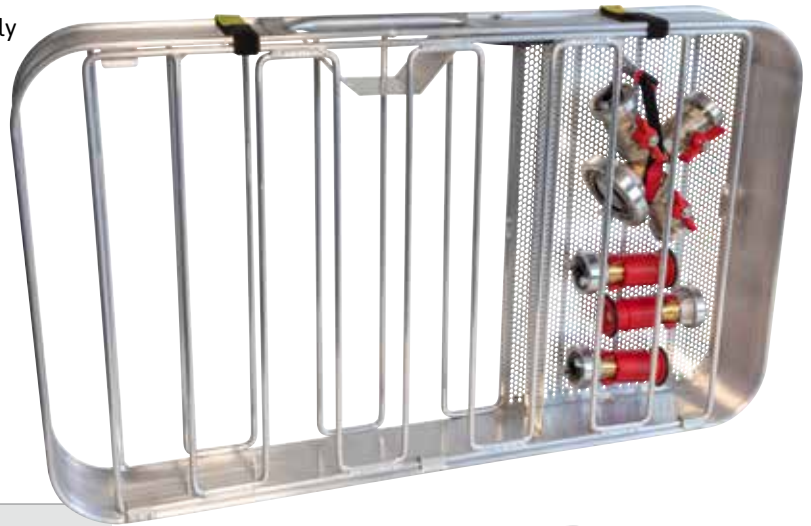
In the Wakob forest fire basket the equipment is clearly arranged and within easy reach. The equipment can be easily transported the last few metres to the site of operation. The external dimensions of the Wakob are identical to the DIN hose basket C.

Features:

- convenient transport of equipment
- particularly lightweight
- fully equipped with fittings (without hoses)
- one side opens

Technical data:

Standard: similar to DIN 14827
Dimensions: 870 x 115 x 520 mm



Item no. Version

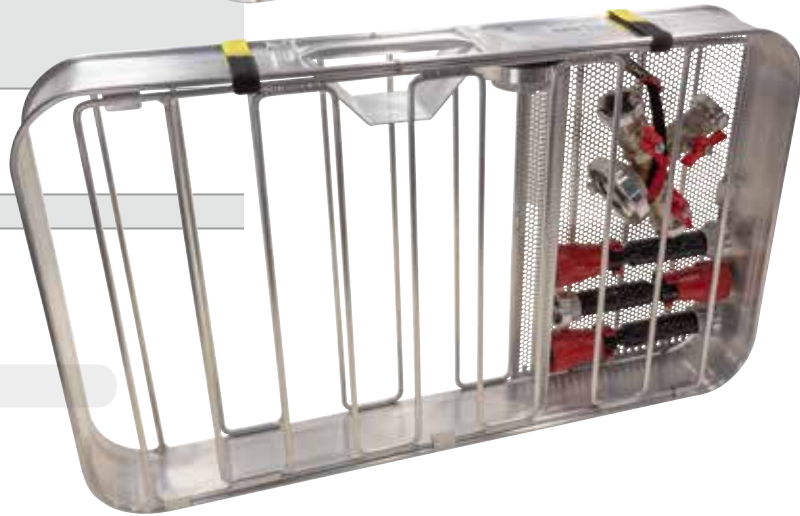
201629 Wakob HS7 with contents:

- 3 Pcs. AWG HS7 nozzles
- 1 Pcs. C-DDD distributor
- 1 Pcs. C-D adapter

201717 Wakob Euro with contents:

- 3 Pcs. compact D10 Euro syringes
- 1 Pcs. C-DDD distributor
- 1 Pcs. C-D adapter

201507 empty

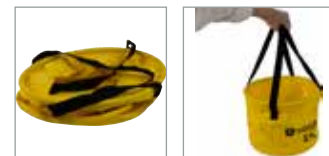


Dönges Fire Bucket "Bodega", foldable

The Dönges fire bucket „Bodega“ is a practical and reliable tool for firefighting and other applications. With a capacity of 15 liters, the foldable PVC bucket offers a robust and durable solution. The bucket is particularly space-saving and easy to store. The resistant material makes it easy to clean and versatile. Ideal for use in forestry, firefighting, or for private use.

Features:

- collapsible fire extinguisher bucket with a 15-liter capacity
- made of robust and durable PVC material
- space-saving design, easy to store
- versatile and easy to clean
- ideal for fire departments, forestry, and private use



Item no.

202306



FOL-DA-TANK Frame Tank Double Folding

FOL-DA-TANK Collapsible Tanks – The Ultimate Solution for Temporary Water Storage FOL-DA-TANK collapsible tanks are the ultimate solution for temporary water storage in emergency situations, firefighting operations, environmental tasks, and much more. These collapsible tanks are designed to provide a fast, reliable, and efficient water supply in critical moments. The frame tank is made from a combination of durable High-Performance Rubber (HPR) for the sidewalls and high-quality vinyl for the bottom. This material combination has proven itself in long-term use due to its excellent resistance to cold cracks, cuts, and abrasion – all without adding extra weight. The sturdy aluminum frame ensures stability and durability comparable to steel, but with significantly lower weight.

Available in various sizes, the FOL-DA-TANK offers an impressive water storage capacity while maintaining a compact and lightweight design. You can choose the size that best fits your needs, making it ideal for firefighting, emergency response, and other water supply situations. This collapsible tank can be set up in no time without requiring special tools or equipment. The frame consists of lightweight yet sturdy aluminum, which can be easily unfolded and secured. The patented hinge pinch guard prevents users from pinching their fingers when opening and closing the folding frame, without compromising the stability of the construction.

The FOL-DA-TANK is suitable for a wide range of applications, including firefighting, disaster relief, construction site water supply, agriculture, and more. It can serve as a temporary storage tank or as a backup water source in remote areas. After use, the frame tank can be easily drained, folded, and stored in a space-saving manner. This allows for easy handling and transportation, making it ideal for use in the field or in confined spaces.

Depending on your needs, various accessories such as drain valves, covers, and connection kits are available to further enhance the functionality and usability of the collapsible tank.

Features:

- robust aluminum frame construction
- folds down to save space
- large capacity in various sizes
- quick setup
- versatile use

Technical data:

Grammage vinyl: 800 g/m²
 Basis weight HPR: 630 g/m²
 Packing size L x W x H: 130-270 x 41 x 71 cm

FOLDABLE. PORTABLE. ESSENTIAL!

The folding frame tank:
Lightweight, compact, ready to use.



Item no.	Volume l	Version	Dimensions L x W x H cm	Weight g
202486	2.300	without flange	180 x 180 x 71	31,750
202266	3.800	without flange	240 x 240 x 71	43,100
202267	5.700	without flange	300 x 300 x 71	49,900
202390	5.700	incl. A-110 Storz flange	300 x 300 x 71	54,430
202268	8.000	without flange	340 x 340 x 71	56,700
202391	8.000	incl. A-110 Storz flange	340 x 340 x 71	61,230
202269	9.500	without flange	370 x 370 x 71	59,000
202392	9.500	incl. A-110 Storz flange	370 x 370 x 71	63,530
202301	11.300	without flange	400 x 400 x 71	61,200
202393	11.300	incl. A-110 Storz flange	400 x 400 x 71	65,730
202379	15.200	without flange	460 x 460 x 71	83,915
202394	15.200	incl. A-110 Storz flange	460 x 460 x 71	88,450
202484	19.000	without flange	520 x 520 x 71	99,790
202485	19.000	incl. A-110 Storz flange	520 x 520 x 71	104,320

FOL-DA-TANK Single Lane Double Folding Tank

FOL-DA-TANK Single Lane folding tanks are a solution for the temporary storage of water in emergency situations, firefighting operations, environmental cleanup, and much more. These folding tanks are designed to provide a fast, reliable, and efficient water supply in critical situations.

The unique feature of the Single Lane folding tank is its rectangular shape, which is ideally suited to the width of a roadway. This makes the tank longer than the similarly named FOL-DA-TANK folding tanks, which have a square shape.

The frame tank consists of a combination of durable high-performance rubber (HPR) on the side walls and high-quality vinyl on the bottom. This material combination has proven itself in long-term use because it offers excellent resistance to cold cracking, cuts, and abrasion without adding extra weight. The sturdy aluminum frames ensure comparable stability and durability to steel, at a significantly lower weight.

Available in various sizes, the FOL-DA-TANK offers impressive water storage capacity while maintaining a compact size and low weight. You can select the size that suits your needs the best, making it ideal for firefighting, emergency response, and other water-related situations.

This single-lane collapsible tank can be set up in no time, without the need for special tools or equipment. The frame is made of lightweight yet strong aluminum that unfolds and locks effortlessly. The patented hinge pinch guard prevents the user from pinching their fingers when opening and closing the frames, without compromising the design's stability.

Features:

- robust aluminum frame construction
- folds down to a very compact size
- large capacity in various sizes
- quick setup
- versatile applications



ORDER NOW

Flange set, inside and out,
with Storz A-110 mounting plate

Item no. 203048



Technical data:

Grammage vinyl: 800 g/m²
Basis weight HPR: 630 g/m²

Item no.	Volumen l	Dimensions L x W x H cm
202769	7,500	427 x 244 x 74
202770	9,500	488 x 274 x 74
202771	11,400	488 x 305 x 74

FOL-DA-TANK Single Lane Tank MAX

The MAX option, in addition to the specifications of the „Double Folding“ version, offers an integrated water bladder that can be deployed when needed. This nearly doubles the tank's volume! The FOL-DA-TANK is suitable for a wide range of applications, including firefighting, disaster relief, construction site supply, agriculture, and more. It can serve as a temporary storage container or as a backup water source in remote areas. After use, the frame tank can be easily emptied, folded, and stored to save space. This allows for easy handling and transport, making it ideal for use in rough terrain or confined spaces. Depending on your requirements, various accessories such as drain valves, covers, and connection kits are available to further enhance the functionality and ease of use of the folding tank.

Features:

- additional option: Deployment of an integrated water bladder to expand the tank's volume

Technical data:

Grammage vinyl: 800 g/m²
Basis weight HPR: 630 g/m²



Item no.	Volume l	Dimensions cm	Dimensions unfolded cm
202772	3,800 - 9,500	253 x 253 x 74	253 x 680 x 74
202773	5,700 - 14,000	314 x 314 x 74	314 x 755 x 74
202774	8,000 - 19,000	345 x 345 x 74	345 x 800 x 74

FOL-DA-TANK ROL-LA-Tank inkl. A-110 Storz

The ROL-LA-TANK is a practical solution for mobile water storage and is ideal for use in remote areas. Thanks to its lightweight design, the tank can be easily transported and set up by just one person. Its simple handling allows for quick deployment: the tank is simply unrolled, the support corners are inserted, and the durable tarpaulin is secured with the top snap fasteners. The ROL-LA-TANK combines the stability of a frame tank with the mobility of a self-erecting tank. The tarpaulin adapts flexibly to uneven ground and prevents unwanted slippage. The durable vinyl tarpaulin is designed for various operating scenarios and features an A-110 Storz coupling. The tank also comes with a heavy-duty storage bag for easy transport and storage.

Features:

- practical, mobile solution for water storage
- can be set up and transported by one person
- compact storage bag
- A-110 Storz coupling

Item no.	Volume l	Dimensions L x W x H cm	Weight g
202766	900	134 x 134 x 89	16,000
202768	1,800	183 x 183 x 89	18,000
202762	3,750	244 x 244 x 89	27,200
202763	5,700	275 x 275 x 89	30,000
202764	7,500	366 x 366 x 89	40,800
202765	9,450	418 x 418 x 89	52,000
202767	11,350	458 x 458 x 89	53,500



FOL-DA-TANK Collapsible Self-Erecting Container incl. A-110 Storz

The self-erecting, frameless portable water tank was developed to meet the most stringent requirements of rural and urban firefighting operations. This tank eliminates problems with insufficient or unusable water sources.

In remote areas, the self-erecting tank is designed to provide water in emergencies and for water transportation. It ensures a continuous, portable water supply. In such areas, the tank can be filled by pumping water from natural sources such as rivers or streams using a small gasoline-powered pump. Once the self-erecting tank is filled with water, it automatically becomes self-supporting due to its unique design.

The self-erecting tank requires no additional support structures, assembly or framing. When it is no longer needed, the water can be drained quickly through an opening on the side. The tank is fully collapsible and can be easily stored in its own compact storage bag.



Features:

- folds up for compact storage
- easy one-person setup
- ethafoam collar – no inflation required
- all seams welded for extended lifespan
- includes storage bag

Technical data:

Color: red
Material: HPR
Basis weight: 630 g/m²

Scope of delivery:

1 Pcs. Water tank
1 Pcs. Carrying case

**Other sizes
available
upon request**

Item no.	Volumen l	Pack size Ø x L cm	Dimensions h x Ø top x Ø bottom cm	Weight g
202519	1,800	43 x 61	81 x 150 x 200	34,000
202290	3,800	46 x 66	81 x 220 x 270	27,000
202513	5,600	51 x 66	81 x 280 x 360	31,000
202514	7,500	51 x 66	81 x 300 x 380	34,000
202515	9,400	56 x 86	81 x 370 x 400	43,000
202516	11,300	56 x 86	81 x 400 x 450	48,000
202517	15,000	61 x 91	81 x 430 x 490	50,000
202518	19,000	66 x 97	81 x 520 x 580	59,000

FOL-DA-TANK Water Bladder for Helicopters

FOL-DA-TANK helicopter water bladders are the ultimate solution for the safe and efficient transportation of liquids in demanding environments. Manufactured from durable vinyl and reinforced with heavy duty webbing, these bladders are specifically designed to withstand the high loads that can occur during transportation by helicopter or truck. They are extremely versatile and can be used for a variety of applications. They are perfect for filling firefighting backpacks and standing water reservoirs. They are also compatible with small/light pumps and gravity tanks. If you require drinking water tanks, we also offer this option to ensure your water transportation needs are met.

Features:

- transportable by helicopter or truck
- made of durable vinyl
- heavy-duty strapping
- available in 2 shapes

Technical data:

Material: Vinyl
Color: orange



Item no.	Volume l	Weight g
202279	270	5,000
202280	510	8,000
202281	900	9,200
202282	1,360	14,000

FOL-DA-TANK Water Bladder for Storing Water

The water bladder for non-potable water is a versatile product that is ideal for various applications. It has been designed to meet the demands of remote areas and bushfire suppression. This water bladder features a range of characteristics that make it a reliable and practical solution.

Made from high-quality vinyl, this water bladder is not only lightweight and compact but also highly resistant to chemical contamination, mold, rot, and the extreme heat of the sun. The RF-welded seams ensure long-lasting durability and reliable performance, even under extreme conditions down to -40 °C. Filling and emptying the water bladder is extremely simple and time-efficient. It can be operated using either a pump or gravity, enabling a rapid response in emergencies. Its lightweight design allows for easy handling by a single person, making deployment even more efficient and flexible.

The water bladder is equipped with a 40mm ball valve with an internal thread, providing precise control over water flow. Additionally, the large filling opening with a 100mm diameter ensures user-friendly operation.

Overall, the water bladder for non-potable water is a reliable and versatile product, making it perfect for firefighting in remote areas and bushfire suppression. With its durable materials and user-friendly features, it is a valuable addition to any emergency equipment.

Features:

- compact and easy to store
- resistant to chemical contamination, mold, rot, and solar heat
- RF-welded seams for extended lifespan
- weatherproof down to -40 °C

Technical data:

Material: Vinyl
Color: orange
Basis weight: 800 g/m²



Item no.	Volume l	Dimensions L x W x H cm	Weight g
202467	100	61 x 91 x 20	4,500
202474	200	91 x 130 x 23	6,400
202284	300	110 x 140 x 23	7,300
202483	400	140 x 150 x 41	8,600
202283	600	150 x 150 x 30	9,100
202468	900	150 x 210 x 35	10,400
202469	1,000	20 x 180 x 41	11,300
202471	1,100	170 x 210 x 35	13,600
202475	2,000	250 x 170 x 46	15,000
202476	3,000	300 x 180 x 60	19,000
202482	4,300	370 x 200 x 60	26,000
202481	4,800	290 x 380 x 46	27,000
202480	5,000	430 x 200 x 60	29,000
202479	5,700	460 x 290 x 60	31,000
202478	7,600	320 x 370 x 60	37,000
202477	9,500	390 x 430 x 60	44,000
202470	11,400	360 x 430 x 70	47,000
202472	15,200	550 x 430 x 90	55,000
202473	19,000	430 x 550 x 90	64,000
202760	22,750	640 x 550 x 76	75,000
202761	28,500	610 x 610 x 76	105,000
202805	40,000	640 x 700 x 91	130,000
202758	57,000	823 x 670 x 92	194,000
202759	76,000	1,006 x 762 x 107	259,000



Our most loyal ally in the fight against flames

Water, arguably the most versatile element in the world of firefighting, has always been a reliable companion for us on the job. Whether fighting fires, providing technical assistance, or even decontamination – water is always there when we need it most. But the mere presence of water is not enough to effectively combat fires. Proper handling and

optimal application are crucial. This is precisely where our innovative products come into play, focusing not only on quality but also on well-designed solutions. Of particular note is the new Multi-Flex container from Dönges – a true all-rounder when it comes to the flexible handling of water during operations.

A versatile "water carrier": The new Multi-Flex container

The name "Multi-Flex Container" already hints at its purpose: it's all about flexibility and versatility. This container offers emergency services from fire departments, disaster relief organizations, the Federal Agency for Technical Relief (THW), and law enforcement agencies the ability to store, transport, and provide water in a variety of ways. But what makes the Multi-Flex Container so special, and what advantages does it offer us in operations?

A space-saving marvel with maximum capacity.

One of the greatest advantages of the Multi-Flex Container is its incredible adaptability to a wide range of operational situations. It can be folded up compactly and is therefore extremely space-saving. Unlike bulky standard containers, which often take up valuable space in vehicles, the Multi-Flex Container fits into any

emergency vehicle. As soon as it is needed, it can be unfolded and made ready for use in a flash. And don't worry – compact doesn't mean small! The Multi-Flex container has an impressive capacity and can hold up to 1,100 liters of water. This provides ample reserve to ensure a stable water supply even in critical situations.

Robust and durable:

A true firefighter's companion.

Another crucial advantage is the robustness of the material. The special polymer coating ensures that the container is not only waterproof but also resistant to mechanical stress. Whether on rough terrain or in extreme weather conditions, the Multi-Flex container remains ready for use without sustaining damage. A well-designed valve and connection system makes filling and emptying particularly easy, which in turn saves valuable time during operations.

A MULTI-TALENT IN ACTION

The Multi-Flex container is a true all-rounder and can shine in a wide variety of application scenarios. Here are some examples of how it supports us in practice.



For those seeking a compact form, the 700L variant is exactly right.

This robust all-rounder can be unfolded and made ready for use in a flash.



1. WATER COLLECTION POINT FOR FOREST AND VEGETATION FIRES

In large-scale fire operations, a continuous water supply is often a challenge. This is where the Multi-Flex container comes into play: It can be positioned near the incident site as a temporary water reservoir. This ensures that emergency personnel always have a sufficient quantity of water available. Furthermore, the flexible container can be combined with a pump and also used for firefighting operations.

2. DECONTAMINATION & CLEANING

After a hazardous materials incident, extensive decontamination of equipment and vehicles is often necessary. Here, too, the container excels: It serves as a collection basin for the contaminated water, preventing it from entering the environment. Its large capacity and easy transportability make it the ideal partner for these tasks.

3. WATER SUPPLY IN DISASTER AREAS

Whether during floods or for supplying water to remote areas, the Multi-Flex Container can be used as a mobile water source. In the event of a disaster, when the regular water supply is interrupted, it can be quickly filled and transported to hard-to-reach areas to provide people with water. An optional foil tank approved for drinking water is available for this purpose.

4. MOBILE BARRIERS

In combination with other containers and foils, the Multi-Flex Container can even be used for counter-terrorism purposes as a mobile barrier at festivals and events.

Dönges Multi-Flex Container

The Multi-Flex container is a foldable, reusable container made of a very robust outer skin and an inner film – ideal for fire departments, disaster control, THW or law enforcement agencies. Whether firefighting water transport, forest fire operation, as a salvage container for damaged products or for fire water retention – the Multi-Flex container convinces with its versatility. The container can also be used as a retention container for decontamination scenarios, storm protection as a ballast tank or also as a nonlocal terror barrier, as well as a flexible flood protection.

Features:

- low empty volume
- assembles in less than 45 seconds
- reusable by replacing the inner liner
- suitable for drinking water with optional drinking water inner liner for 1,100L containers (not included)
- stacking eyes for easy transport
- top filling (filling opening diameter 58 cm) or via side valve
- easy to transport: up to 10 containers per pallet
- material largely puncture-resistant
- diameter when filled: 117 cm
- four carrying handles and four pockets for storing timber beams or pipes
- color: olive

Scope of delivery:

- 1 Pcs. Multi-Flex container
- 1 Pcs. LDPE inner liner



Item no.	Volume l	Dimensions mm	Pack size mm	Weight g
201993	1,100	1,100 x 1,100 x 1,050	1,100 x 1,100 x 100	7,500
202274	700	1,000 x 1,000 x 800	1,000 x 1,000 x 100	5,500



Eccotarp Hexagonal Collection Container

Thanks to its rapid readiness for use, low weight and simple construction, it is particularly suitable for use in places that are difficult to access.

The tarpaulin is secured after assembly with tightly screwed hooks. There are no individual parts or tools that need to be stored separately.

Features:

- space-saving, foldable design; no tools required for assembly
- resistant to industrial fluids, chemicals, and petroleum products such as heating oil, diesel, hydraulic oil, etc.
- high-strength polyester/PVC-coated material with textile reinforcement

Technical data:

Material: PES, PVC coated
Color: blue
Temperature range: -30 °C to +70 °C



Item no.	Dimensions Ø x H cm	Pack size cm	Collection capacity l	Weight g
200244	150 x 70	80 x 75 x 10	1,000	30,000
200245	160 x 80	105 x 85 x 10	2,000	50,000

Eccotarp Large-Volume Container with Frame

Thanks to its rapid operational readiness and low weight, this container is suitable for firefighting with a helicopter using external fire-fighting water tanks or for pumping liquids around places that are difficult to access. The material is resistant to petroleum products and chemicals, which increases its potential use in environmental accidents.

Features:

- simple and robust construction made of aluminum and stainless steel
- resistant to industrial fluids, chemicals, and petroleum products such as heating oil, diesel, hydraulic oil, etc.
- suitable for use as a domestic water storage tank or hazardous materials collection tank
- no tools are required for assembly. The parts are connected with special bolts.
- can be assembled by one person
- a drain valve (Storz C) is integrated into the lower part of the tank
- patented design solution

Technical data:

Material: PES/PVC
Color: red/yellow
Temperature range: -30 to +70 °C



Item no.	Dimensions Ø x H cm	Pack size (film/frame) cm	Collection capacity l	Weight g
200242	420 x 150	50 x 45 x 70/35 x 25 x 155	20,000	10,000
200243	550 x 150	55 x 50 x 80/40 x 30 x 155	35,000	13,000
200240	230 x 130	45 x 40 x 65/30 x 20 x 135	5,000	5,000
200241	270 x 130	45 x 40 x 65/30 x 20 x 135	7,500	5,500



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