

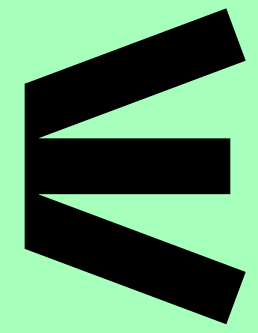
Equiray



Products 2025

Get home safe

equiray.com



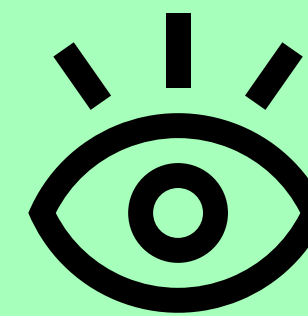
**Introducing our
active-lighting
vests.**

Our company

In low light and demanding conditions, visibility is crucial. Don't wait for others to see you—take control of your safety with Equiray. Our gear ensures you're visible from every angle, even in the toughest environments. Does your team work in shifts? Cut the costs through sharing. Adjustable straps ensure a perfect fit for every size.

No matter your profession—whether it's construction, manufacturing, logistics, law enforcement, firefighting, emergency services, or the military—you need gear that's tough and dependable. With Equiray, you'll stay protected and stand out on the job.

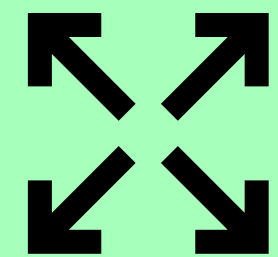
Our products are developed around these three foundational pillars:



Visibility



Safety



Versatility

Our mission has been the same since the beginning.

"To get everyone safe home."

Top tier technology

We are using the latest technologies to illuminate and protect people. The core technology in our products is SUNFIBRE® Wearable Active Lighting Technology.

SUNFIBRE® Wearable Active Lighting Technology is a unique optic fiber lighting system that increases visibility in darkness or lowlight conditions. Unlike retroreflective safety elements, SUNFIBRE® emits light through optic fibers encased in a textile coating, ensuring active protection. Side-emitting optic fibers provide visibility in all directions up to 3 kilometers. The properties of the textile coated optic fiber allow easy sewing into textile products and guaranteed mechanical durability and washability. The system is easy to operate and recharge.

SUNFIBRE

CE

RoHS

**UK
CA**

IP68

Heavy Duty



Equiray Heavy Duty

We are introducing Equiray Heavy Duty.
All parts are customizable to your needs.

We have five default solutions for:

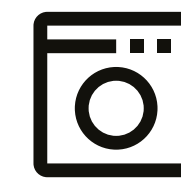
1. Workers
2. Police and EMS
3. Fire brigades
4. Personnel with need for water resistance solution
5. Military

All products share the same shape tested in different environments and situations, ensuring perfect fit for different body sizes with or without other layers below Equiray Heavy Duty.

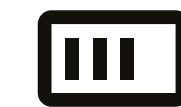
Front



Back



Washing
machine safe



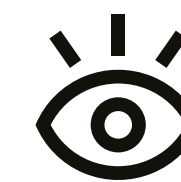
Highly
durable



One size
fits all



Doesn't
violate norms



Visible
up to 3 km



Comfortable
to wear

Heavy Duty

Workers



Heavy Duty

Equiray Heavy Duty for workers is our solution that protects people working on the roads, constructions, in warehouses, and other places. It includes silver grey reflective stripes and active lighting with several options.

Active lighting options:

- Continuous light
- Flashing light in 3 Hz frequency
- Smart button to switch between continuous light and flashing

Colours option:

- High Visibility Orange
- High Visibility Yellow

Powered by:

- Powerbank MINI 2500 mAh
- Powerbank ONPOWER 4000 mAh

Workers

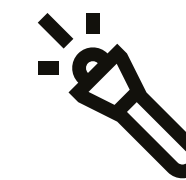
Product code group:
HD, HD-B



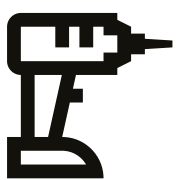
Indoor
use



Outdoor
use



Reflective
materials



Hooks
for tools

Heavy Duty

Police & EMS



Heavy Duty

Equiray Heavy Duty for police and emergency medical services is our solution that protects people who help others. It has blue active lighting reserved only for these special services.

Active lighting options:

- Continuous light
- Flashing light in 3 Hz frequency
- Smart button to switch between continuous light and flashing

Colours option:

- Blue

Powered by:

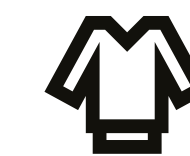
- Powerbank MINI 2500 mAh
- Powerbank ONPOWER 4000 mAh

Police & EMS

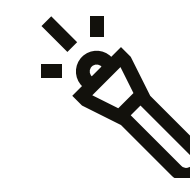
Product code group:
HD-BL, HD-B-BL



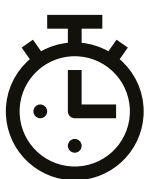
Dedicated light colour to Police and EMS



Can be worn over any uniform



Reflective materials



Can be dressed quickly

Heavy Duty

Fire brigades



Heavy Duty

Equiray Heavy Duty for fire brigades is made from special flame-resistant materials that increase safety of firemen during the work in high heat conditions. It makes them visible in smoke and fire light.

Active lighting options:

- Continuous light
- Flashing light in 3 Hz frequency
- Smart button to switch between continuous light and flashing

Colours option:

- High Visibility Yellow

Powered by:

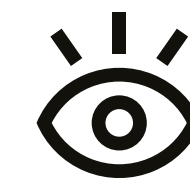
- Powerbank MINI 2500 mAh
- Powerbank ONPOWER 4000 mAh

Fire brigades

Product code group:
HD-B-FR



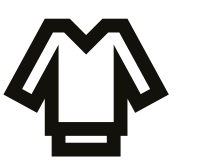
Flame
resistant
materials



High visibility in
dust and smoke



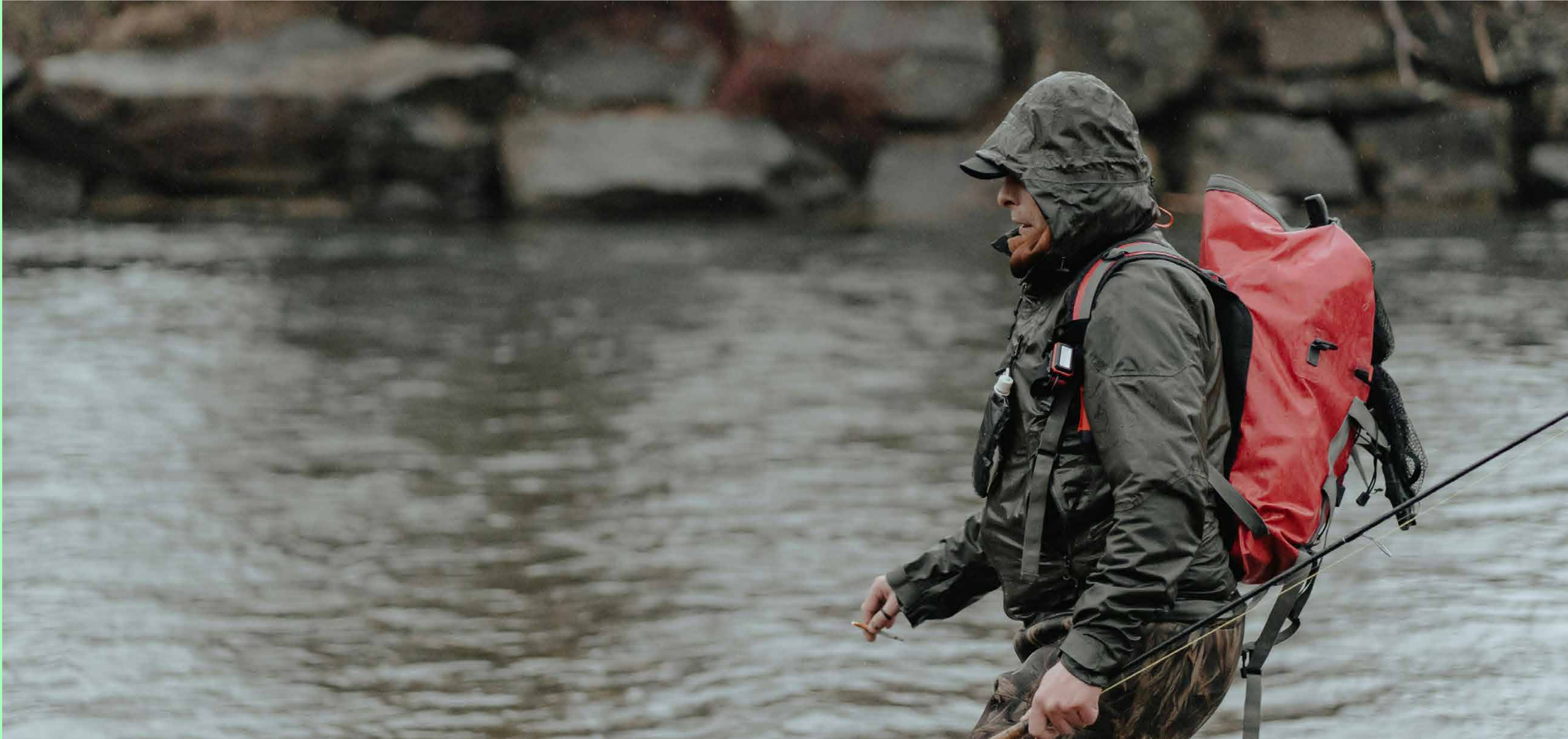
Segmented
reflective
colour tape



Can be
worn over
any uniform

Heavy Duty

Water resistant



Heavy Duty

Equiray Heavy Duty for personnel with need for water resistance solution is certified by IP68. It can be used by fishermen, coast guards, sailors, and others who work close to water sources.

Active lighting options:

- Continuous light
- Flashing light in 3 Hz frequency
- Smart button in Fidlock hermetic bag to switch between continuous light and flashing
- Button on Power Control to switch between continuous light and flashing

Colours option:

- High Visibility Orange

Powered by:

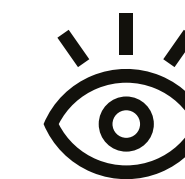
- Power Control Heavy Duty 3500 mAh
- Powerbank MINI 2500 mAh
- Powerbank ONPOWER 4000 mA

Water resistant

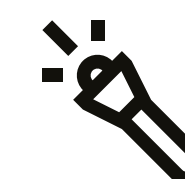
Product code group:
HD-IP68-OR



IP 68
water resistant



High visibility
in fog and
humidity



Reflective
materials



Automaticly turn on
in case of falling to
the water*

Heavy Duty

Tactical units
& military



Heavy Duty

Tactical units & military

Product code:
HD-IP68-SGRD, HD-IP-MGIR

Equiray Heavy Duty for tactical units and military is water resistant IP68. There are two colour options military green and tactical black.

Active lighting options:

- Button on Power Control to switch between continuous light and flashing

Colours option:

- Grey with red diod
- Military Green with Infra red diod

Powered by:

- Power Control Heavy Duty 3500 mAhA



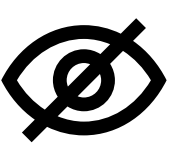
Fits colour
of the uniform



Infra red
diod option



IP 68
water resistant



IR invisible
materials

Customization options

We offer variety of customizations in case that our standard products do not cover your company needs.

We can customize these parts of the vest:

- Colour of textile
- Colour and type of elements
- Reflective textile
- Colour of lighting technology SUNFIBRE[®]

We also can add:

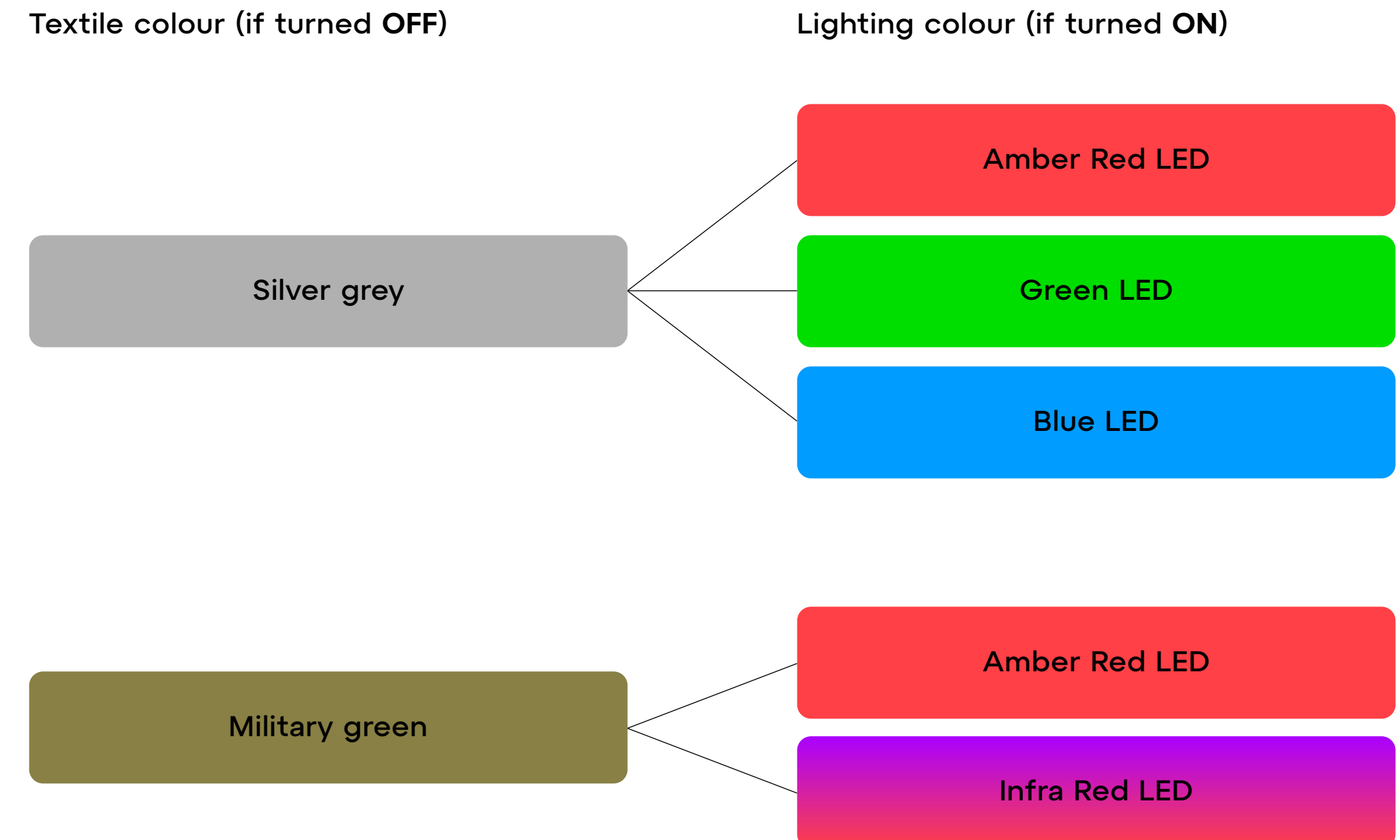
- Walkie-talkie holder
- Nametag
- Extra hooks for tools

We can also create customized tags with your company name, division, etc. Contact us with your requirements and we will come up with a solution.

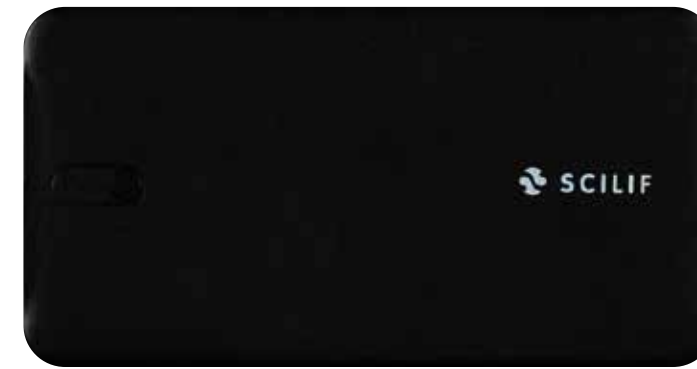


Sunfibre colour card

SUNFIBRE® offers different textile colour of the coating and different lighting colour. To each textile colour there can be selected one lighting colour based on the offer below.

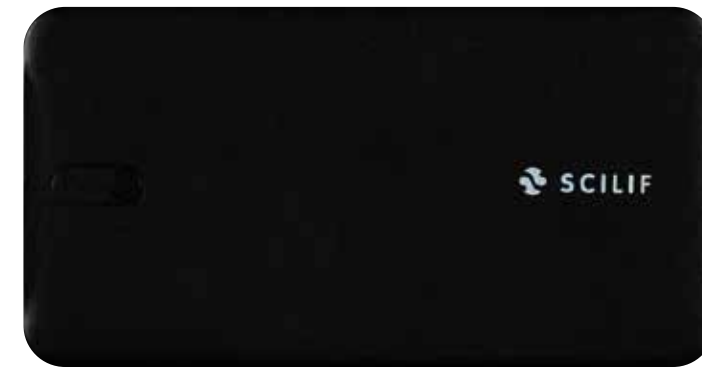


Power sources

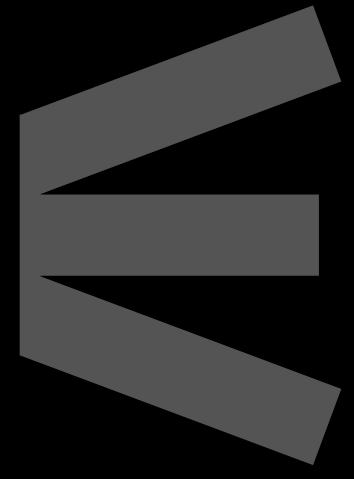


Product Name	Power Bank MINI	Power Bank ONPOWER A/C	Power Control Heavy Duty
Battery Capacity	2500 mAh	5000 mAh	3500 mAh
Description	Ultra-compact portable power bank, fireproof high-impact plastic (ABS), multiple smart protection systems		Extreme heavy duty integrated power and control unit
Working time (lower intensity)	30 hours	60 hours	50 hours
Colour	Black	Black	Silver/Blue, White, Camouflage Green, Camouflage Sand
Special Sensors (optional)	N/A	N/A	Motion Sensor, Saltwater immersion
Indication	On/Off, Battery level, Charging Indicator	On/ Off, Battery level, Charging Indicator	Button activation, Battery level, Charging Indicator, Mode selection
Dimensions (mm)	102 x 62 x 10	97 x 52 x 15	90 x 37 x 20
Weight	69 g +/- 10 g	98 g +/- 10 g	110 g +/- 10 g
Battery type	Li-Pol	Li-Pol	Li-Ion

Power sources



Average charging time (80%)	Fast Charge (30 mins)	3.0 hours	4.0 hours
Voltage	3,7V	3,7V	<5V
Connector type	Input: Micro USB Output: USB A	Input: USB C Output: USB C, USB A	Input: IP68 screw con. Output: IP68 screw con.
Certificates	CE, UKCA, RoHS, TUV	CE, UKCA, RoHS, TUV	CE, UKCA, RoHS, IP68
Safety functions	Over charging, battery draining, overheating during operation and charging		
Operating temperature range	+8°C/+35°C	+8°C/+35°C	-25°C/+45°C



Contact us with questions
or request a quote

info@equiray.com