



**BRIDGEHILL®**

WE SIMPLY BLOCK FIRE

# Our story

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On the 18th of January 2014 a fire in Lærdal, Norway damaged 60 buildings from were 42 of the buildings were totally destroyed.

From these 42 buildings, four were of historical value and one building was a listed building. The fire in Lærdal was the biggest city fire in Norway since World War II and was so destructive due to the strong wind that made the fire spread easily.

This fire initiated an idea that turned into the quest of making a fire blanket that could protect, prevent and stop fire. The fire blankets are today available under the brand name Bridgehill®.

The fire blankets come in different sizes, and are made for both single-use purpose for the corporate market, and multiple-use purpose for the professional market.

The Bridgehill fire blankets can be used on a wide range of objects, starting with small objects such as a mobile phone, tools and electric scooters, to bigger objects such as cars, forklifts and buildings.

The fire blankets even prevent fire from lithium batteries from spreading and are easy to use.

## Our fire blankets are divided in two groups:

**Black label**

Multiple use, for the professional market

**Red label**

Single use, for the corporate market

Car Fire Blanket



WE SIMPLY BLOCK FIRE



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## THE GREENEST WAY

Lithium Fire Blanket



Forklift Fire Blanket



BLACK LABEL | EXTREME SERIES

# CAR PRO X

Probably the world's most extreme fire blanket for professionals





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## BLACK LABEL | EXTREME SERIES CAR PRO X



### Cars

- Controls fire in any car within seconds.
- The most efficient solution for isolating fire in electric vehicles.
- Suitable for normal size vehicles including SUVs, like the Volvo XC90 and Land Rovers.

#### Ideal for:

Places with a high concentration of cars such as:  
Parking lots – Garages – Ferries – Gas stations –  
Charging stations – Workshops – Car dealers – Tunnels



### Lithium battery

#### CAUTION:

Always fold the blanket to create two layers of the blanket, when using it on open lithium batteries.

- Quickly blocks the fire in Lithium battery
- Prevents spread of fire

#### Ideal for:

Manufactures – Electric bikes – Electric tools – Shipping involving lithium battery – Ferries – Trains – Trucks

#### Size:

± 6 × 8 m – Weight: ± 26 kg

#### Smartbag:

- Airtight bag that blocks potential hazardous gases coming from used fire blankets.
- It comes with shoulder straps and handles.
- Comes with a repair kit for the blanket, in its side pocket.

#### Repair kit:

- Use to sew the blanket in case of holes coming from sharp objects.



For instruction videos  
scan QR code



### For proactive use on a burning building

When attached to the wall (before the wall is burning) you create a firewall making this the last wall to fall due to the block of oxygen from the outside.

#### How to attach:

The blanket can be stapled on the wall.



### For a building you want to protect

Blocks most of the radiant heat.

#### How to attach:

- Hang the blanket on metal gutters with carabiners using the eyelets of the blanket.
- Staple the blanket to a wooden wall.
- Hang the blanket using fireproof ropes from the eyelets to anything you can tie to.

#### Ideal for:

Areas with a high density of buildings – Listed buildings – Buildings with historical value – Fire Stations

#### WARNING:

Always use professional fire equipment with SCBA when packing and reusing the fire blanket or opening the bag. Make sure that the blanket is dry before storing it inside the smartbag. By following this procedure there will be no need to clean the blanket. Keep the bag at a safe distance from hazardous gases.

**Fire in electric cars:** If you can hear a strong fuzz sound about every 2-15 seconds, you have a thermal runaway. The thermal runaway stops when the sound stops. Despite this, the battery might reignite at any time therefore, leave the blanket on until the battery can be disassembled.



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## TECHNICAL SHEET

# CAR PRO X

BLACK LABEL   EXTREME SERIES		For professionals
Size/Weight:	± 6 × 8 meters (48 m <sup>2</sup> ) ± 26 kg	
Core material:	400 gsm graphite	
Coating:	± 150 gsm silicon polymer (Flames may occur during first time use) In fires with high levels of conduction heat, flames may appear from the coating of the blanket. This will not alter the purpose of the blanket.	
Edge of blanket:	Eyelets every meter for easy use as fire sail	
Car sizes:	Handles normal size vehicles up to SUVs such as Land Rovers, XC90 etc.	
Main usage:	<ul style="list-style-type: none"> <li>• As fire blanket: Cover any object to quickly block fire</li> <li>• As fire sail: Put vertically on any object to block spread of fire</li> </ul>	
Smartbag:	Airtight bag that blocks potential hazardous gases coming from used fire blankets. Smartbag care and maintenance: Use silicon grease on the zipper to keep the bag airtight and smell free.	

### Technical specification:

Core Fabric			Unit	Tolerance	Standard
Yarn	Warp Weft	396 396	Tex Tex	± 5 ± 5	DIN EN 12654 DIN EN 12654
Yarn count	Warp Weft	4.5 4.0	Ends/cm Ends/cm	± 5 ± 5	DIN EN1049 DIN EN1049
Tensile strength	Warp Weft	23000 3600	N/50mm N/50mm	≥ ≥	ISO 4606 ISO 4606
Area weight	–	340	G/m2	± 10%	EN 12127
Thickness	–	0.40	Mm	± 5%	DIN ISO 4606
Weave pattern	–			4H satin	–
Service temperature on core fabric	Melting point ± 2500 °C Working temperatures ± 1500 °C				





BLACK LABEL | MULTIPURPOSE

# EXTREME

Probably the world's most extreme fire blanket







**BRIDGEHILL®**  
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## BLACK LABEL | MULTIPURPOSE EXTREME



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### Product information

- Handles normal fires for many hours.
- Blocks any fire, even small lithium battery fires.
- Can be used multiple times.
- NS-EN 1869:2019
- The Medium and Large Extreme fire blankets comes in a smartbag.
- Requires no maintenance.
- Metal chain integrated to add weight for easier use.



### Ideal for:

Battery fires - Restaurant kitchens - Industry tools - The recycling industry  
- Car manufacturers - Workshops - Shops or businesses that store small or large  
amounts of lithium batteries - Battery manufactores- Marine - Aviaion - Military

### Sizes:

Small:	Medium:	Large:
± 1,5 × 1,5 m	± 3 × 3 m	± 5 × 5 m
± 2 kg	± 7 kg	± 18 kg

### How to use

Handled by:

1. Take the fire blanket out of the bag.
2. Gently cover the burning object.
3. Make sure the fire blanket is tight all the way around the burning object. Wait at least 20 minutes.

**ALWAYS CALL THE  
FIRE DEPARTMENT!**



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## TECHNICAL SHEET

# EXTREME

### BLACK LABEL | MULTIPURPOSE

For professionals & standby/preparedness

<b>Sizes/Weight:</b>	<b>Small:</b> ± 1,5 × 1,5 m ± 2 kg	<b>Medium:</b> ± 3 × 3 m ± 7 kg	<b>Large:</b> ± 5 × 5 m ± 18 kg
<b>Core material:</b>	400 gsm graphite		
<b>Coating:</b>	± 150 gsm silicon polymer (Flames may occur during first time use) In fires with high levels of conduction heat, flames may appear from the coating of the blanket. This will not alter the purpose of the blanket.		
<b>Edge on blanket:</b>	Metal chain sewed in around the edges to add weight		
<b>Main usage:</b>	Blocks any small fire, even lithium battery fire		
<b>Smartbag:</b>	Airtight bag for the Medium and Large Extreme fire blankets. The smartbag blocks potential hazardous gases coming from used fire blankets. Smartbag care and maintenance: Use silicon grease on the zipper to keep the bag airtight and smell free.		

### Technical specification:

Core Fabric			Unit	Tolerance	Standard
Yarn	Warp Weft	396 396	Tex Tex	± 5 ± 5	DIN EN 12654 DIN EN 12654
Yarn count	Warp Weft	4.5 4.0	Ends/cm Ends/cm	± 5 ± 5	DIN EN1049 DIN EN1049
Tensile strength	Warp Weft	23000 3600	N/50mm N/50mm	≥ ≥	ISO 4606 ISO 4606
Area weight	–	340	G/m <sup>2</sup>	± 10%	EN 12127
Thickness	–	0.40	Mm	± 5%	DIN ISO 4606
Weave pattern	–			4H satin	–
Service temperature on core fabric	Melting point ± 2500 °C Working temperatures ± 1500 °C				



RED LABEL | SINGLE USE

# LITHIUM

The ultimate solution for blocking fire in open lithium batteries



Car Pro X

Extreme

Lithium

Car Standard

Forklift/Pallet Truck

Extra



**BRIDGEHILL®**  
WE SIMPLY BLOCK FIRE

**RED LABEL** | SINGLE USE

# LITHIUM



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## Product information

- The ultimate solution for blocking fire in open lithium batteries.
- EN 1869:2019
- Delivered in a smartbag.

### Ideal for:

Car manufacturers – Industries Involving lithium batteries

### Size/Weight:

± 1,8 × 1,8 m

± 8 kg



## How to use

Handled by:

1. Gently cover the burning battery.
2. For bigger batteries we recommend using a bigger fire blanket on top to prevent flames from coming out. E.g. the Forklift blanket (5 × 5 m).

### WARNING:

Always use proper protection and breathing apparatus (BA) due to the release of toxic gases from the burning battery.

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## TECHNICAL SHEET

**LITHIUM****RED LABEL | SINGLE USE**

For professionals &amp; standby/preparedness

<b>Size/Weight:</b>	± 1,8 × 1,8 m ± 8 kg
<b>Core material:</b>	7 layers of graphite, quartz and silicone
<b>Main usage:</b>	Blocks fire in open lithium batteries
<b>Smartbag:</b>	Waterproof bag. Carried as a backpack or a bag for easy portability

## Technical specification:

Core Fabric	
<b>Service temperature on core fabric</b>	Melting point ± 2500 °C Working temperatures ± 1500 °C

In fires with high levels of conduction heat, flames may appear from the coating of the blanket. This will not alter the purpose of the blanket.

**WARNING:**

Always use proper protection and breathing apparatus (BA) due to the release of toxic gases from the burning battery.



RED LABEL | SINGLE USE

# CAR STANDARD

Controls fire in any vehicle within seconds





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## RED LABEL | SINGLE USE CAR STANDARD



For instruction videos  
scan QR code



### Product information

- Controls fire in any vehicle within seconds.
- The most efficient solution for isolating fire in electric vehicles.
- Suitable for normal size vehicles including SUVs like the Volvo XC90 and Land Rovers.
- Single use.
- Delivered in a smartbag.
- EN ISO 1716
- EN 13501-1
- EN ISO 1182

### Ideal for places with a high concentration of cars

Parking lots – Garages – Ferries – Gas stations – Charging stations  
– Workshops – Car dealers – Tunnels

### Size/Weight:

± 6 × 8 m  
± 26 kg



### How to use

Handled by:

1. Place the fire blanket on the ground in front or behind the car and roll it out.
2. Two people should grab each their handle and safely pull the fire blanket over the car in one continuous movement.
3. Make sure the fire blanket is tight all the way to the ground. Wait at least 20 minutes.



#### Fire in electric cars:

If you can hear a strong fuzz sound about every 2-15 seconds, you have a thermal runaway. The thermal runaway stops when the sound stops. Despite this, the battery might reignite at any time, therefore, leave the blanket on until the battery can be disassembled.

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## TECHNICAL SHEET

# CAR STANDARD

### RED LABEL | SINGLE USE

For standby/preparedness

Size/Weight:	± 6 × 8 meters (48 m²) ± 26 kg
Core material:	380 gsm pyroxene
Coating:	± 120 silicon polymer
Car sizes:	Handle cars up to normal SUV size like Land Rover, XC90 etc.
Main usage:	<ul style="list-style-type: none"> <li>Fossil fuel cars</li> <li>Electric/hybrid cars</li> </ul>
Smartbag:	Waterproof bag. Carried as a backpack or a bag for easy portability

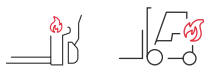
### Technical specification:

Core Fabric			Unit	Tolerance	Test Methods
Yarn	Warp Weft	300 165	Tex Tex	± 5%	DIN EN 12654 DIN EN 12654
Yarn count	Warp Weft	8.0 8.0	Ends/cm Ends/cm	± 5%	DIN EN1049 DIN EN1049
Tensile strength (typical)	Warp Weft	3200 N/cm 2500 N/cm	N/50mm N/50mm	≥	ISO 4606 ISO 4606
Thickness	–	0.40	Mm	± 5%	DIN ISO 4606
Weave pattern	–	Plain	–	–	–
Service temperature on core fabric	Melting point ± 1600 °C Working temperatures ± 800 °C				

## WARNING:

Avoid inhaling smoke from the burning car. Don't put yourself at unnecessary risk, call the fire department!

In fires with high levels of conduction heat, flames may appear from the coating of the blanket. This will not alter the purpose of the blanket.



RED LABEL | SINGLE USE

# PALLET TRUCK/ FORKLIFT STANDARD

Controls fire in forklifts and pallet trucks within seconds





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**RED LABEL** | SINGLE USE

## PALLET TRUCK/FORKLIFT STANDARD



### Product information

- Controls fire in forklifts within seconds.
- The most efficient solution for isolating fire in forklifts, even electric lithium powered.
- Single use.
- Comes in two sizes.
- Delivered in a smartbag.
- EN ISO 1716
- EN 13501-1
- EN ISO 1182

### Ideal for:

Warehouses – Ports – Factories –  
Manufacturing companies and other places  
where it is critical to control fire quickly



For instruction videos  
scan QR code

### Size/Weight:

**Pallet truck:**  $\pm 5 \times 5$  m  
 $\pm 15$  kg

**Forklift standard:**  $\pm 7 \times 7$  m  
 $\pm 30$  kg

### How to use

Handled by:

1. Place the fire blanket on the ground in front or behind the forklift and roll it out.
2. Two people should grab each their handle and safely pull the fire blanket over the forklift in one continuous movement.
3. On forklifts with a tall mast, cover the cabin not the mast. Please see illustration.
4. Make sure the fire blanket is tight all the way to the ground. Wait at least 20 minutes.

**Pallet truck:**  $\pm 5 \times 5$  m



**Forklift standard:**  $\pm 7 \times 7$  m



**ALWAYS CALL THE  
FIRE DEPARTMENT!**

**Fire in electric forklifts:** If you can hear a strong fuzz sound about every 2-15 seconds, you have a thermal runaway. The thermal runaway stops when the sound stops. Despite this, the battery might reignite at any time, therefore, leave the blanket on until the battery can be disassembled.

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## TECHNICAL SHEET

# PALLET TRUCK/FORKLIFT STANDARD

**RED LABEL | SINGLE USE**

For standby/preparedness

Size/Weight:	<b>Pallet truck:</b> $\pm 5 \times 5$ meters (25 m <sup>2</sup> ) $\pm 15$ kg <b>Forklift standard:</b> $\pm 7 \times 7$ meters (49 m <sup>2</sup> ) $\pm 30$ kg
Core material:	380 gsm pyroxene
Coating:	$\pm 120$ silicon polymer
Main usage:	<ul style="list-style-type: none"> <li>Fossil fuel forklifts</li> <li>Electric forklifts (isolating the fire in the battery)</li> </ul>
Smartbag:	Waterproof bag. Carried as a backpack or a bag for easy portability

### Technical specification:

Core Fabric			Unit	Tolerance	Test Methods
Yarn	Warp Weft	300 165	Tex Tex	$\pm 5\%$	DIN EN 12654 DIN EN 12654
Yarn count	Warp Weft	8.0 8.0	Ends/cm Ends/cm	$\pm 5\%$	DIN EN1049 DIN EN1049
Tensile strength (typical)	Warp Weft	3200 N/cm 2500 N/cm	N/50mm N/50mm	$\geq$	ISO 4606 ISO 4606
Thickness	–	0.40	Mm	$\pm 5\%$	DIN ISO 4606
Weave pattern	–	Plain	–	–	–
Service temperature on core fabric	Melting point $\pm 1600$ °C Working temperatures $\pm 800$ °C				

## WARNING:

Avoid inhaling smoke from the burning object. Don't put yourself at unnecessary risk, call the fire department!

In fires with high levels of conduction heat, flames may appear from the coating of the blanket. This will not alter the purpose of the blanket.



EXTRA

# ADDITIONAL EQUIPMENT



Photo: Matt Chesin/Unsplash



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# FIRE BLANKET CABINET



## Product information

- Suitable for all fire blankets
- A solid cabinet with a lockable door
- Emergency Break Glass for quick access to the fire blanket
- Easy to assemble
- To be mounted on the wall

## Ideal for:

Parking lots – Garages – Ferries – Gas stations – Charging stations  
– Workshops – Car dealers – Warehouses – Tunnels – Factories

## Size:

90 × 30 × 35 cm

## Weight:

15 kg

## Material:

Steel

Scan the QR code to  
watch the assembly video



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