

FST

Product Catalogue



2025



<https://www.fallsafetech.co.uk/>

Table of Contents

Introduction	3
LSE-8 Fall Safety Cushion	4
Emergency and Industrial	6
Recreation	8
Entertainment and Film	10
Technical Data	12
Contact Us	13

About Us:

Fall Safe Technologies is an innovative company focused on creating high quality, durable, and cost effective safety inflatables designed to enhance safety in various industries.

Our products provide an added layer of protection in environments where quickresponse and ease of use are critical. Our products can be used accross many different industries including emergency response teams, entertainment, construction sites, sports facilities, amusement parks, and maritime operations. Our inflatable safety solutions use cutting edge technologies and are designed to fully comply with international safety certifications while offering portability, flexibility, and easy deployment. Whether it’s an inflatable cushion to reduce injury impact, pop up medical emergency units, an inflatable barrier to guide crowds, or floating walkways, FST is committed to delivering high quality products that protect lives and minimise risks.

Mission:

To redefine safety by providing innovative inflatable products that are both practical and reliable, ensuring a safer world for workers, thrill seekers, and communities. Key Products include: **Inflatable Impact Cushions:** Impact-reducing inflatable mats for use in construction sites, industrial spaces, and high-risk activities, such as stunt work and extreme sports. **Emergency inflatable shelters/devices:** Medical units, decontamination units, showers, safety refuge units, door pumps. **Inflatable Rescue Devices:** Emergency flotation devices and rescue platforms walkways designed for maritime and water -based environments. **Inflatable Safety Barriers:** Portable and durable barriers for crowd control, constructionzones, and traffic management.

Vision:

At FST, we strive to lead the way in inflatable safety technology, continually collaborating with industry experts and developing new products that meet the changing demands of safety across all industries. We envision a world where safety is always at the forefront, and our innovative inflatables offer a practical, fast-response solution to mitigate risks and save lives. Safety is our passion and we prioritise giving our customers confidence to perform.

LSE-8 FALL SAFETY CUSHION



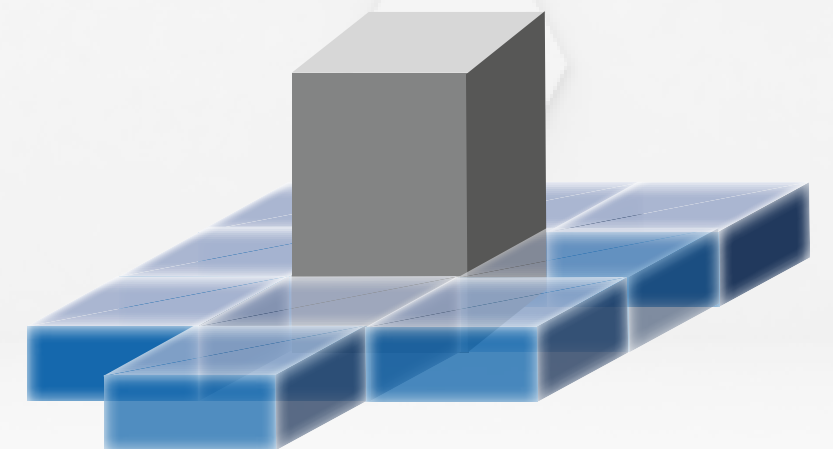
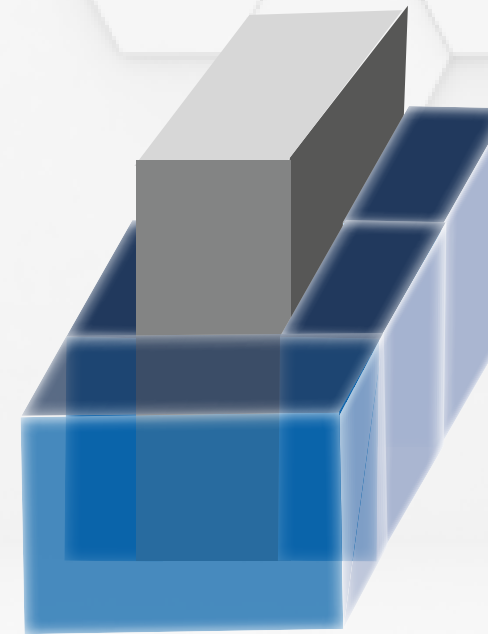
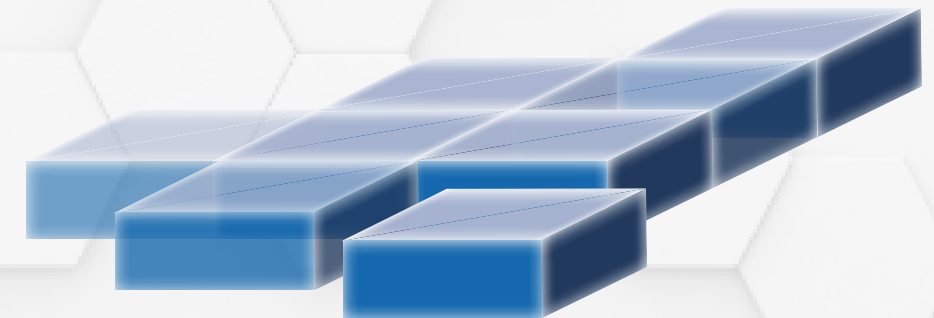
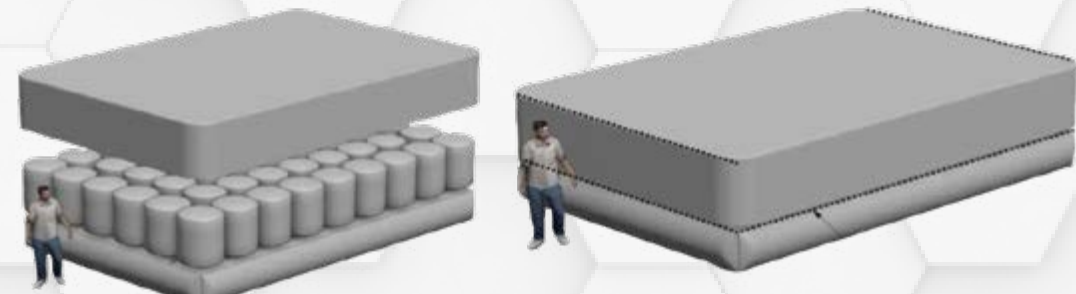
LSE-8 is the cylinder pocket technology we use to effectively minimise the impact of falls - offering superior protection. These impact-reducing inflatable cushions are intended for use in construction sites, emergency situations, industrial spaces and during high-risk activities such as stunt work and extreme sports. When not being used, the mattress can be transformed into a compact size for easy storage.



A top sheet can be applied allowing you to choose any colour and design. This can include your logo or images.



The LSE-8 cushions are modular and can be arranged in countless ways to fit your space requirements. Each module can be connected using a secure attachment system so the size and shape is completely customisable to your needs. The cushions are safe to use vertically or horizontally.



EMERGENCY AND INDUSTRIAL

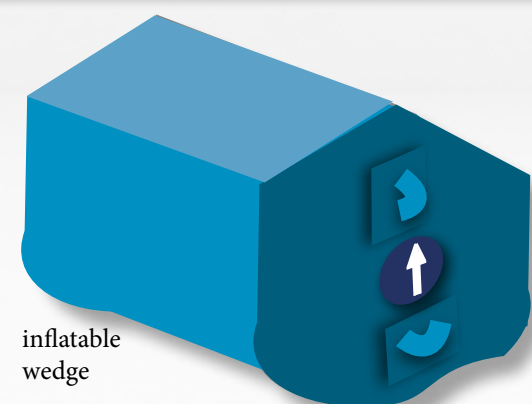
In emergency situations, speed, efficiency, and adaptability are critical. Our range of inflatable products for emergency services is designed to provide quick deployment, maximum durability, and life-saving performance when it matters most. These products are engineered to meet the demanding needs of fire departments, rescue teams, paramedics, and disaster response units, offering reliable solutions in a variety of emergency scenarios.

Inflatable Rescue: Access Routes: These robust, lightweight platforms provide a stable surface for rescuing victims in water, collapsed buildings or hard-to-reach areas. Quick to deploy and highly buoyant, they are ideal for water rescues, swift water rescues, and evacuation operations in extreme environments.

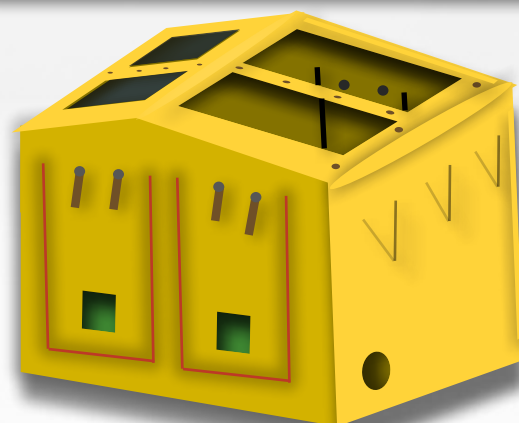
Inflatable Emergency Shelters: Portable and easy to set up, these shelters offer immediate protection from the elements during emergencies, natural disasters, or mass casualty incidents. Enables quick set up of command and control centres in remote areas or emergency situations.

Inflatable Wedges/Cushions: Air cushions are used for vehicle extrication or heavy lifting operations in rescue scenarios, providing a controlled means of lifting and stabilizing vehicles, machinery, or structures to free trapped individuals. Fast to inflate, these air cushions are a critical tool in extricating people from dangerous situations. Inflatable wedges assist emergency responders in accessing and rescuing individuals from inside locked cars. Our powerful inflatable wedges provide controlled power to the rescuer without damaging the contact areas.

Inflatable Emergency Medical Units: Designed for durability and ease of use, these medical units can be used for a variety of emergency scenarios. Potential uses can be from basic units for rendering medical aid or assistance to compartmentalised decontamination units for use with hazardous substances and incorporating showers.



inflatable wedge



Inflatable
Emergency
Medical Unit

Homeless Shelter/Shower Units: Assistance for local authorities or charities to provide temporary relief or shelter to the less fortunate. The shelters can provide a temporary location for giving advice or for when providing help or giving out provisions. The shelters can be heated for extra comfort. Pop-up shower units can be provided to enable persons without the facilities the chance to have a shower and clean up.

Inflatable Flame Resistant Barriers: These durable barriers are designed to control and contain fires by creating a fire-resistant barrier between the flames and at-risk areas giving emergency services more time to act. Easily deployed and highly effective, they are especially useful for protecting structures, vehicles, or critical infrastructure during wildfire response or hazardous materials incidents.



BENEFITS:

- **Rapid Deployment:** Inflatable products can be deployed within minutes, saving valuable time in life-or-death situations.
- **Portability & Lightweight:** Easy to transport and store, these inflatables are highly portable and compact, making them ideal for emergency responders on the go.
- **Durability:** Made from industrial-strength, weather-resistant materials, these inflatables are designed to withstand extreme conditions and heavy use in harsh environments.
- **Versatility:** Our inflatable products can be adapted to a wide range of emergency scenarios, offering flexible, multi-use solutions for fire, rescue, medical, and disaster relief operations.

RECREATION

Where adventure meets reliability. We provide top-tier recreational equipment, from high-energy extreme sports to inflatable bouncy castles, bungee ropes, straps, nets and more. We closely collaborate with our clients to customize size and design, ensuring a seamless fit for any venue. Our products are crafted from highly durable, UV-proof materials, guaranteeing longevity and resilience even in challenging outdoor environments. Plus, they're easy to clean, maintain, and store, making them a practical and cost-effective solution for recurring events.



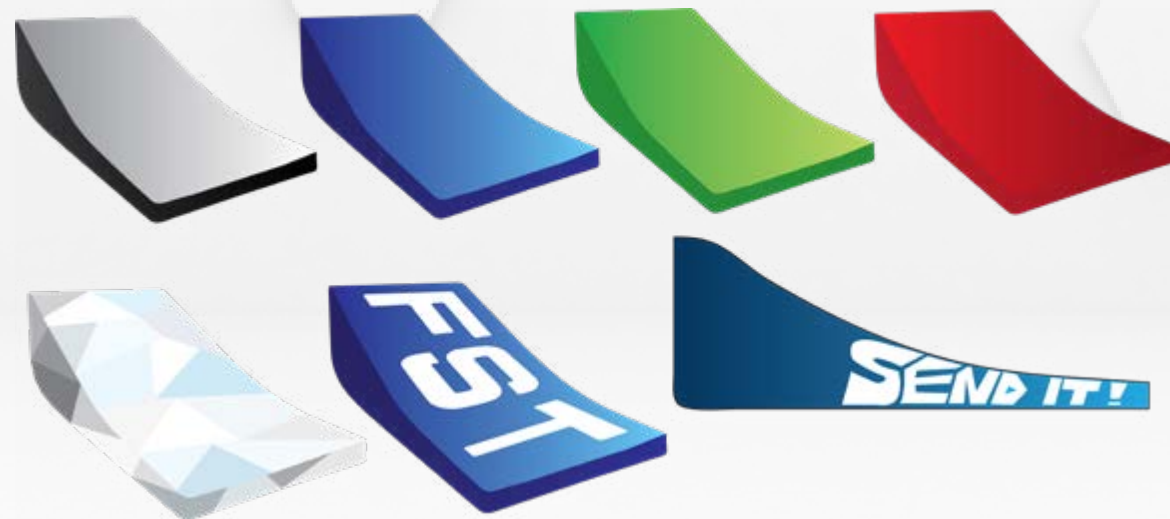
ENTERTAINMENT AND FILM

In the high-end world of entertainment and stunts, safety is paramount. Our inflatable safety products are engineered to provide maximum protection, ensuring that performers, stunt professionals, and audiences are safeguarded during high-risk activities. From extreme sports and live-action performances to movie sets and theme parks, our inflatables are designed to meet the unique demands of the entertainment industry while offering quick deployment, durability, and reliability.

- **Inflatable Airbags:** Specifically designed for high falls, jumps, and aerial stunts, our inflatable airbag systems offer cushioning to safely absorb impact and minimize injury risk. Whether it's for skydiving, trampoline parks, or extreme stunts, these airbags are tested to handle significant weight and impact, providing a safe landing zone for performers.
- **Inflatable Landing Zones:** Used for controlled and secure landings in stunt sequences, these large inflatable mats provide an extensive, stable surface for acrobatic movements, extreme jumps, or high-impact landings. They are perfect for both indoor and outdoor use and are easy to set up and deflate, making them ideal for on-the-go filming or live performances.
- **Inflatable Barriers for Set Protection:** Inflatable barriers create safe zones on stunt sets, protecting both performers and bystanders from unforeseen accidents. Whether used to block dangerous areas or shield crowds from high-speed chases or explosions, these barriers are lightweight, portable, and resistant to impact.
- **Inflatable Ramps & Cushions:** These inflatables are used in stunt driving, parkour, and other action sports to provide a soft but stable surface for ramps and jumps. They are ideal for stunt vehicles or bike ramps, offering a safe and controlled landing environment.
- **Inflatable Safety Walls:** Built to prevent dangerous falls or provide a soft barrier during high-speed or high-fall stunts, inflatable safety walls are quick to deploy and extremely durable. These can be used in both outdoor and indoor settings, ensuring that all stunt activities are carried out with maximum safety.

BENEFITS:

- **Enhanced Protection:** Designed to absorb high impacts, reducing the risk of injury in stunts that involve falls, jumps, or other high-risk activities.
- **Portability:** Lightweight and compact when deflated, our inflatable products are easy to transport to different locations, making them perfect for traveling film sets, live stunt shows, or outdoor events.
- **Quick Setup:** Our inflatables can be quickly deployed and deflated, ensuring that downtime is minimized, and the show must go on.
- **Durability:** Crafted from industrial-grade, weather-resistant materials, our inflatable products are made to withstand the intense conditions of the entertainment industry, including rough handling, heavy impacts, and extreme weather.



TECHNICAL DATA

Product Name	LSE-8
Dimensions (Approx.) [m]	4 x 3 x 1.7
Folded Size (Approx.) [cm]	110 x 60 x 45
Weight [kg]	112
Output Blower Power [kW]	1.1
Inflating Pressure [psi.]	1.1
Inflation Time (Approx.) [min]	1

Material Properties	Value	Unit	Measuring Methods/Norm
Total Weight	235	g/m²	EN ISO 2286-2
Tensile Strength warp/weft	1600/1000	N/50mm	EN ISO 1421/V1
Tear Strength	290/200	N	DIN EN 17679
Material	Glass fibre		DIN EN ISO 2076

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