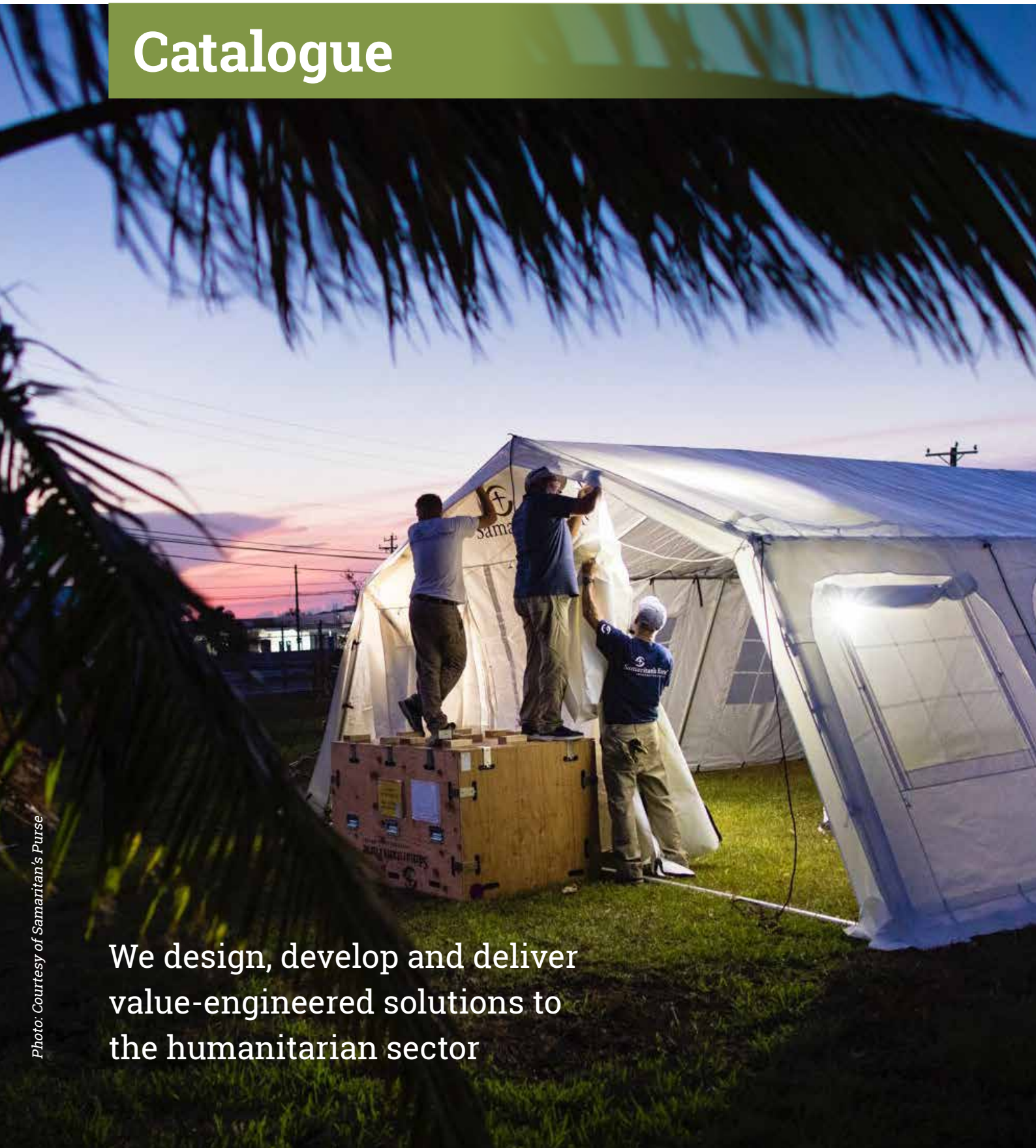
NRS Relief

Catalogue



We design, develop and deliver value-engineered solutions to the humanitarian sector

Photo: Courtesy of Samaritan's Purse

Contents

At a glance

Sector experts

- Shelter, aid and relief industry leader with 45 years' experience
- Innovators through value-engineering
- We co-create new solutions in partnership with clients
- Specialized in product customization

Committed

- We have a small committed, multicultural team
- We are flexible and provide reliable support
- We keep the end-users of our products in mind:
  - From refugee to aid worker, from patient to doctor
- Our CSR agenda is integrated in our business model

Manufacturing excellence

- We supply high-quality, cost-efficient products
- Strategic partnership with our manufacturing arm
- Independent quality control and assurance team

Prepared

- Rapid response strategy in case of emergencies
- We conduct field assessments to understand real needs
- Emergency stock for immediate mobilization
- Efficient delivery by in-house logistics team.

About us

Our mission

NRS Relief is a purpose-driven company that designs, develops and delivers value-engineered solutions to the humanitarian sector. We create life-improving products in partnership with our clients, such as UN Agencies, international organizations and NGOs worldwide. We supply relief essentials, shelter solutions, multipurpose tents and mobile storage units, as well as customized products and services.

Our vision

Central to our approach to business is the thorough understanding of the purpose of the work carried out by our clients. We align our business capabilities with the goals and needs of humanitarian and development actors, who respond to pressing issues such as forced displacement and natural disasters. Our vision it to provide essential solutions to all actors responding to humanitarian crises, aimed at meaningfully impacting the lives of the affected people. By doing so, we ensure sustainable economic empowerment of the local community in Pakistan through the strategic partnership with our manufacturing arm.

The people

To make this vision a reality, we rely on our lean, multicultural team of 15 passionate experts who are committed to our purpose. Based in Dubai, the United Arab Emirates, we are part of a strategic and thriving humanitarian community. We never lose sight of our clients' needs, understanding the unpredictable and demanding environment we operate in. The emergency context of humanitarian operations requires our dedicated staff to be ready to respond, 24/7. They are capable of responding quickly and efficiently in any emergency situation.

The promise

As the market leader in our sector, we are trusted by the world's leading humanitarian actors such as UNHCR, UNICEF, WFP, ICRC/IFRC and many more. As a key player, it is our duty to embrace responsible business practices, and set a benchmark for others in the humanitarian supply chain. Therefore, we apply a principled approach to the Sustainable Development Goals and are signatory to the UN Global Compact. We aim to minimize our ecological footprint and have launched multiple award-winning CSR campaigns to advocate for a more sustainable supply chain.

The process

The beneficiaries of our products – vulnerable populations affected by conflict or natural disasters – are at the heart of the development of our range of solutions. We align our capacity as value engineering experts with the product innovation needs of our clients. This enables us to co-create solutions that are fit-for-purpose, high quality and can withstand the extreme weather conditions. Moreover, our in-house product design team is highly specialized in customizing our solutions. We can tailor aid support structures to specific needs. For instance, upon request we modify structures for medical purposes, or extend our product range for large-scale operations.

The production

We have a longstanding relationship with our manufacturing arm in Pakistan, H. Sheikh Noor-ud-Din & Sons to ensure the efficient supply of relief essentials to our clients. This is of particular importance when responding to humanitarian emergencies. When a conflict flares up or a natural disaster strikes, we are ready to respond. Having a trusted manufacturing partner is vital to delivering fit-for-purpose quality products. This supply chain relationship is characterized as a strategic collaboration to facilitate joint efforts in areas such as research, quality management, sustainability, and product design and development.

The delivery

Once the goods are ready to be dispatched, our in-house logistics team takes over, recognizing that 80% of humanitarian action is logistics. To us, no destination is too difficult. We will work on the most suitable and efficient mode of transport, which can be by air, sea, road or a combination thereof. Last year, we have loaded approximately 1250 containers with relief items and shelter solutions, totaling 414 shipments which equal 27,900 tons of goods.

The impact

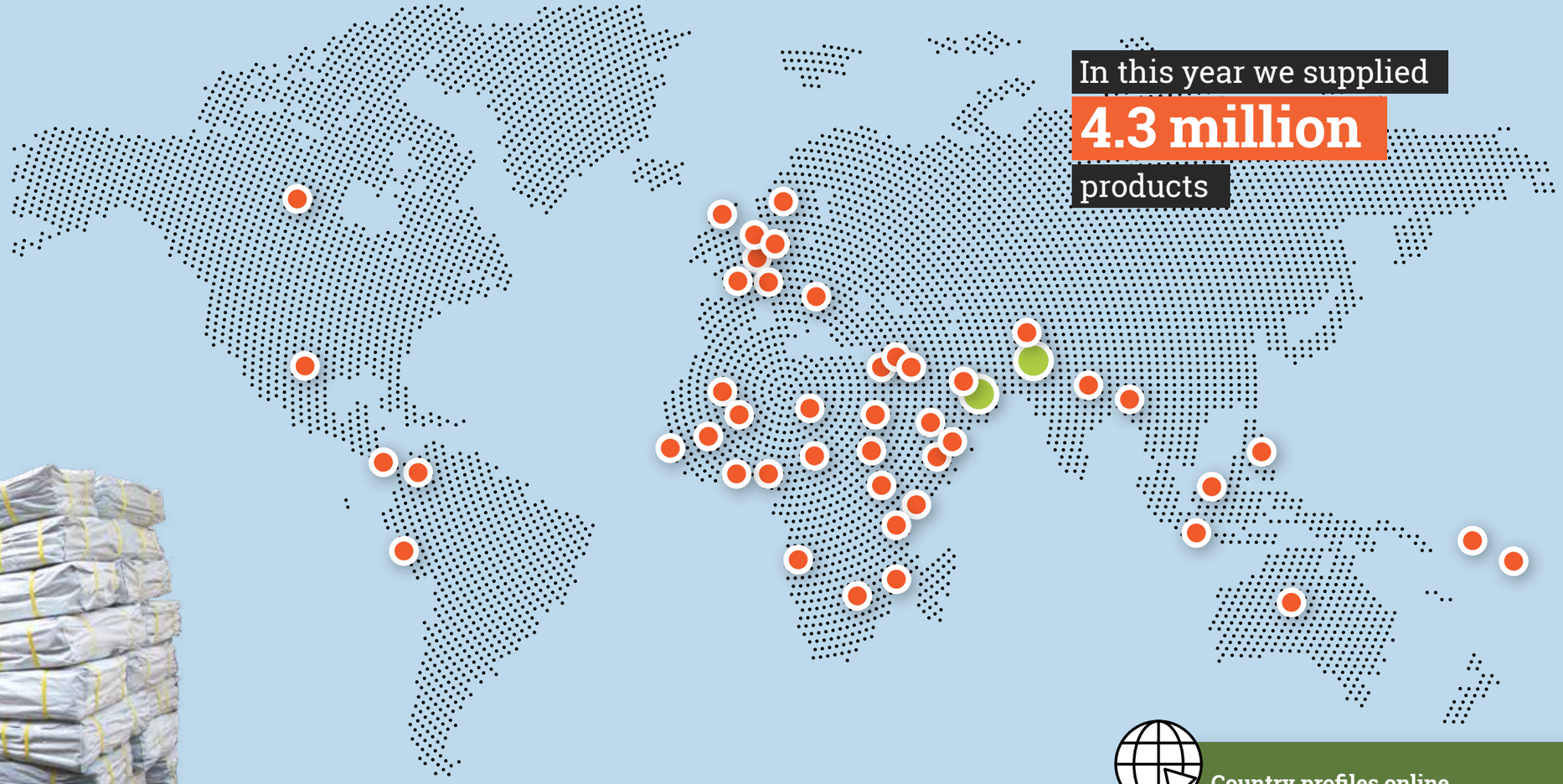
It is our responsibility to provide dignified solutions to people who will find a temporary home in our family shelters, children that will be educated in our multipurpose tents, or the doctors that will treat patients in our medical structures. We map our impact using available data, acknowledging that we operate in a complex supply chain and that in most cases we are not responsible for the last-mile distribution. With the aim to provide insight in the product movement, we track shipments, monitor the geographical spread of our items and research the context in which the solutions are deployed. Last year, we sold 4.3 million relief essentials to our clients, impacting 7.7 million beneficiaries who are living under challenging circumstances.

Impact 2018-2019

We are trusted by **47** global clients, including **UNHCR, UNICEF, IOM, WFP, MSF, ICRC/IFRC**.

We supplied **4.3 million** products in '18-'19, including family shelters, multipurpose tents, mobile storage units and a wide range of core relief items.

These millions of products have a meaningful impact on the lives of **7.7 million** people living under challenging circumstances.



We have been an active partner in major humanitarian response operations such as the **Rohingya crisis, the earthquake response in Indonesia, cyclone-stricken Mozambique** and recently the **post-hurricane Dorian emergency response in Bahamas.**

Closer to home in the Middle East, we have dispatched millions of relief items to countries affected by the various crisis hotspots in the region. Many of our shelters and NFIs have been deployed in countries hosting millions of **Syrian refugees, such as Jordan, Lebanon and Turkey.** Over **600,000 items** have been delivered to conflict-ridden Yemen, one of the poorest countries in the world facing a humanitarian catastrophe of unprecedented nature.

The majority of the goods supplied to the African continent – **1.4 million items**, are delivered to **Kenya, Ethiopia** and **Uganda**. Each of these countries is taking on serious challenges, ranging from displacement, conflict, as well as forced migration caused by environmental degradation.

On average, every day more than three containers full of **shelter solutions** and **relief items** left the production site last year. **In 2018-2019** approximately **1,250 containers** have been loaded with **aid goods,** totaling **414 shipments**, equaling **27,900 tons of goods**. The majority of the shipments reached their destinations by sea and **86 deliveries** were sent by air.

Country profiles online

As part of our commitment to provide relevant information, we have introduced a series of country profiles on our website www.nrsrelief.com, highlighting the humanitarian emergencies where the products that we supplied are deployed from 2017 onwards. We operate in a complex supply chain, yet we aim to provide insight on the road 'from design to deployment'.

There is a story behind every shipment, and we illustrate how our team has responded to client requests. This evidence-based contribution provides valuable information about the current pressures and challenges on the emergency response system, as well as insight into the social impact of the products we supply.

Value engineering in the humanitarian context

Developing new shelter solutions and relief items is part of our everyday work. In the humanitarian sector this process requires a specialist approach, respecting the needs of crisis-affected populations. NRS Relief relies on dedicated design and engineering professionals who work closely with our manufacturing arm. This team has embraced the principles of value engineering, and at the same time applies a beneficiary-centered design approach.

Our design team is headed by Frank Merks, Head of Design, Product development & Engineering, who works on the design and development of new and existing products. In this vital role he works closely with internal stakeholders, such as the business development team, the factory, as well as our clients and suppliers. We aim to develop the best possible products for beneficiaries. To achieve this mission, we bridge information from the field with our technical knowledge.

Designing for humanitarian settings

Humanitarian engineering is a niche field of expertise where engineering skills are applied for humanitarian aid purposes. It is defined as '*design under constraints to directly improve the wellbeing of underserved populations, where constraints are not just physical and economic, but also environmental, cultural, and ethical.*'

In simpler terms, the shelter solutions or relief essentials need to be fit-for-purpose. They must be durable and perform under extremely harsh weather conditions. At the same time, all the products are designed with the people and their cultural needs in mind. This beneficiary perspective fits within the framework of a rights-based approach. The items are not simple consumables but contribute to protecting the universal rights to shelter, education, sanitation, and healthcare. Our solutions often provide security and human dignity to displaced populations, enabling family life to continue until a permanent solution is found.

Value engineering

In this product development process, it is critical to balance cost with function. Therefore, the way we work is driven by value engineering principles. Value engineering is used to solve problems and identify and eliminate unwanted costs while improving function and quality. The aim is to increase the value of our aid solutions, meeting product performance standards at the lowest possible price. All items are procured with public funds. Subsequently, aid actors intend to use their budgets wisely, yet not wanting to compromise on essential quality standards to ensure the dignity of beneficiaries.

This balancing act has challenged us to identify improvement opportunities before assessing them against a cost-benefit ratio. It is about taking a birds-eye view to be cost-effective and at the same time meeting the desired design objectives. It is a creative, team-based approach that generates alternatives to material selection, configurations of designs, reduction of environmental impacts, and so on.

Value engineering family tents

An example of this approach is the development recently introduced dome-shaped family tents, mainly made of polyethylene (PE) materials. You might think, polyethylene, is that not plastic material polluting land and water across the globe? The answer is not that simple. The current family tents that have been deployed for decades and many other tents used in humanitarian relief are made of poly-cotton, because it is durable, affordable and comfortable especially in hot weather.

Over the last decade, humanitarian crises have geographically expanded from primarily hot and hot-humid climate zones to cold and wet climate zones as well. For these types of weather conditions, the current poly-cotton family tent is less suitable. That is why UNHCR and ICRC, in cooperation with NRS Relief and our competitors have developed a new family tent performing in all climate zones.

For these tents, we chose polyethylene (PE) fabrics. These materials best meet our environmental goals to reduce water and energy consumption, viewed from the total production and life-cycle perspective of the tents. PE fabrics also allow us to create free-standing, dome-shaped tents that demonstrate excellent performance in harsh weather conditions. Moreover, they provide more comfort for the beneficiaries. With PE fabrics we can engineer properties such as UV resistance, flame resistance and heat build-up embedded in the fabrics instead of coatings and use fabrication techniques such as welding. Lastly, once the tents reach their end-of-life, they can be recycled into other useful products.

This tangible example showcases how we can combine the principles of humanitarian and value-based engineering to make a difference. Innovation and creativity are about big and small ideas, about teamwork and never forgetting about the purpose of the work we do - meaningfully improving the lives of displaced people.

1. The unique value of humanitarian engineering. Ryan C. Campbell, University of Washington, 2011.

Product customization to meet exact needs

Even small changes can make a world of difference

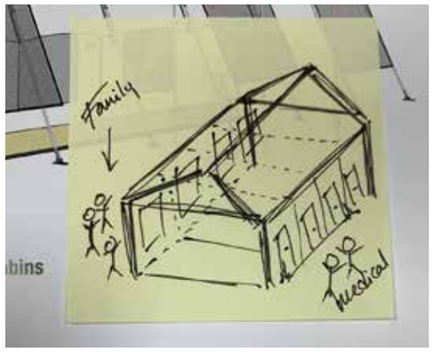
Humanitarian crises and natural disasters are characterized by unpredictability, uniqueness, and complexity, posing challenges to develop appropriate response operations. Our core objective is to offer a wide range of products that meet the critical quality standards set by leading UN and aid agencies. That said, apart from our main product range we can also tailor to specific customization requests. Our in-house product development team is well-equipped to work hand-in-hand with clients to accommodate modification needs.

Small changes can make a big difference. By modifying product designs tailored to specific climates, cultural norms and geographical settings, we can improve the beneficiary-experience. Our clients are able to provide valuable input about the people who will use the items, the cultural norms of the community and the climate conditions. If we know, for instance, that a shipment of Rex Halls – our mobile storage units - will be directly dispatched to a tropical location, we can provide purposely-designed optimized ventilation solutions for humid and rainy conditions. This is different from a batch of Rex Halls that will be stored in a humanitarian depot before it is being shipped to an unknown destination. In this particular case, our client asked us to add a waterproof hood over the air vent. This small, but effective change guarantees to keep stored goods dry during heavy rains yet ensuring the continuous flow of air.

In the same vein, aid practitioners can give priceless feedback to improve the functionality of certain tent structures or relief items. A good example is the way we modified the LegendMEDI. This medical tent structure was designed in response to the Ebola epidemic in 2014 and is suitable for the treatment of patients of hemorrhagic fevers. Our client, an international disaster relief organization assisting Ebola-stricken communities, asked us to make structural design changes to enable safe communication between patients and loved ones. At the same time, we introduced an improved rainproof awning, which doubles as a high-quality shade net.

Breaking barriers, building trust

The current Ebola outbreak in the DRC began in August 2018 and has seen over 3,000 cases with more than 2,000 recorded deaths. It takes place against a backdrop of ongoing conflict, but complicating factors include mistrust and community resistance towards treatment and health workers. To break these barriers, our client suggested to redesign the LegendMEDI structure to allow the community members to safely interact with patients. This will curb the spread of fear and panic and provide dignity. To achieve this, the doors and windows were rearranged to create two sections: One side for quarantined patients who can safely communicate with visitors through the extra-large windows. The opposite side is designated to medical staff, who can carry out their duties uninterrupted. Health workers can enter the patient room through the doors in the disinfected area.



Medical personnel caring for patients of the deadly virus work under tough conditions, mentally and physically. The extreme weather, including heat and heavy rains, complicates this work. Ebola responders shared their desire to minimize the time in the sun, but also protecting from the rain. Their full protective suits are very hot, but at the same time the hoods are porous, and rainwater can wash outside contaminants inside the goggles or facemask to contact the skin. The NRS Relief product development team engineered a new shade net to create cooler, dry conditions for patients and staff. The original mesh material was replaced with a lightweight PVC shade cover to make it waterproof. In this way, medical staff can move between spaces without being disturbed by water dripping from the shade net and interfering with their disinfected suits.

Adding on, improving comfort

For decades, our Viva family tent has sheltered millions of refugees and displaced people. This iconic tent is recognized for its high quality, durability and timeless design. But every region brings specific challenges and the Lebanese Red Cross requested to improve the design by adding a shade net for extra protection against sun, rain and snow. Our value engineering team also fitted A-shape poles to provide better access and strengthen the structure, catering towards the needs of the client and ultimately, the beneficiaries.

More than just a bucket

A final value engineering example showcases the big impact small design changes can bring. In partnership with Oxfam we enhanced the design of the existing water bucket, introducing the Jerry Bucket. The design upgrade of the 14 L bucket incorporated three key design considerations to improve hygiene: The new lid is tightly fitted and stays on the bucket body to ensure the container is only used for drinking water rather than washing clothes, feeding livestock, etc. Secondly, the large lid opening minimizes spillage when filling from a pump and allows easy inside cleaning. Lastly, the integrated tap ensures that water can be safely distributed without putting dirty receptacles into the water. Furthermore, the durable Jerry Bucket has a smooth and spike-free base for comfortably head carrying. All in all, seemingly small amendments, significantly improving the user experience.

Sustainability in practice

We believe that sustainable business makes smart business. For us, embracing a sustainable humanitarian supply chain is a way of honoring our purpose as a relief supplier. We see purpose-driven sustainability as our contribution towards social, environmental as well as economic progress.

With a record-high number of displaced people worldwide caused by conflict and natural disasters, millions of relief items are distributed to the affected populations. Many of us are unaware of the production effort it takes to address these emergencies, and how responding to crises does not exempt the humanitarian sector from its social and environmental impact on the planet. We have taken a critical look inwards and have further invested in the sustainability of our manufacturing processes and supply chain, prioritizing transparency. This sustainability journey is taken together with our strategic production partner in Pakistan, H. Sheikh Noor-ud-Din & Sons.

Our strong CSR agenda shapes our approach to business. This is why we have aligned our business operations with the 17 Sustainable Development Goals (SDGs), a set of globally agreed targets to end poverty, protect the planet, and ensure prosperity for all. We strive to advance the SDGs in every domain of our operations by creating and implementing CSR-driven initiatives that highlight the importance of a sustainable humanitarian supply chain while raising awareness for refugees and displaced people worldwide.

Working more closely with the SDGs and leveraging them strategically to shape our agenda and set targets, we have zoomed into SDG 12 – Responsible Production and Consumption. Half of the targets under SDG 12 speak directly to humanitarian suppliers. We have worked hand-in-hand with our manufacturing arm and we have integrated them in our production strategy, such as *Efficient use of natural resources; Reduce, recycle and reuse; Sustainability reporting and Sustainable procurement.*

Economic responsibilities

We are committed to pioneering new solutions, sustainably creating fit-for-purpose products through value-engineering. We focus on financial sustainability and pledge to continuously expand our portfolio of products and services. At the same time, as the industry leader we strive to progressively grow our business to ensure economic empowerment in our supply chain. Our vision is that all stakeholders should benefit from the life-improving products that we develop and design - from factory to the field.

Social responsibilities

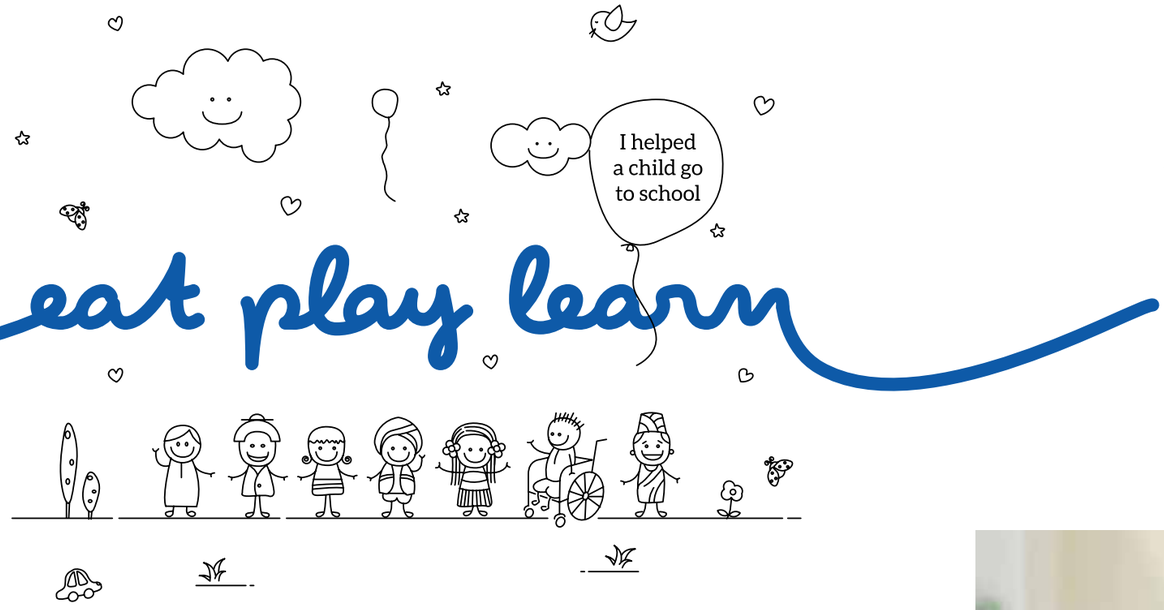
We focus on creating a safe, diverse, merit-based working environment that values teamwork yet allows for individual growth. We actively engage with the vibrant humanitarian community in Dubai and raise awareness for social causes such as the refugee crisis and women's empowerment. At the same time, we support our manufacturing arm in Pakistan with their community investment programs, aimed at building community resilience through improved health care services and educational opportunities. We also acknowledge the social impact of our products on the end-user – from refugee to aid worker. To honor this purpose, we develop and design products that respect beneficiaries' true needs and support the acceleration of the sustainable development goals.

Environmental responsibilities

Minimizing our ecological footprint is an incentive rather than a burdensome exercise in compliance. We are committed to reducing emissions and waste, while seeking to recycle and reuse across the production processes wherever possible. We do so in close collaboration with our manufacturing arm as well as by launching green initiatives in our Dubai office.

Bag of Hope carries great potential

It all started with a flash of inspiration to make a simple bag out of our tent fabric offcuts, which we called a #TentTote. Fast forward a one year, we have created thousands of 'bags of hope' that carry important messages of sustainability, circular economy, zero-waste policy and the empowerment of disadvantaged communities. Our durable totes, shopper bags and backpacks come in all shapes and forms and even allow our clients, who normally buy shelter solutions or relief items, to fundraise for their causes.



The tote project came to fruition following the successful launch of our #PeaceDoves campaign on World Peace Day in 2018, promoting peace through handcrafted dove-shaped toys made from refugee blanket and tarpaulin offcuts. Proudly produced in Pakistan, the bags are made from upcycled tent material offcuts such as polycotton and mud flap fabric. These materials bring protection and comfort to displaced people. The bags can be made from the same batch of tents sheltering refugees around the world. Normally, the waste generated from the tent production is sold off, however, we believe upcycling serves a much bigger purpose. The project is earmarked as a CSR-project, meaning no profit is added to the reasonable production costs, including fair wages.

We first introduced the branded bags at AidEx in 2018 and the project has taken off since. We have created small batches of backpacks, and also created shoulder bags for IOM to replace plastic bags. This design includes secure pockets for refugees to keep their valuables and travel documents safe and handy while on the move.

In the next phase, we tapped into the talent of fashion students to raise awareness during World Refugee Day in 2019. We partnered with the Dubai College of Fashion & Design and International Humanitarian City to host a sustainable fashion show, showcasing fashionable bags made from upcycled tents by four talented students. This collaboration was aimed at raising refugee awareness, promoting a sustainable supply chain and creating social impact by leveraging the power of fashion.

Buy a bag. Give a future.

In the same vein, our CSR team pitched the tent tote idea to the UNICEF team in Dubai earlier this year. It was well-received as UNICEF recognized its potential and introduced the 'bag of hope' concept to its fundraising partner, Carrefour. Managed by Majid Al Futtaim in the UAE, Carrefour is one of the biggest chains of supermarkets and hypermarkets in the world. The 'bag of hope' was picked up as a fundraising tool as part of an MoU signed between Carrefour and UNICEF, aimed at providing education to more than 100,000 out-of-school children in the region. Proceeds from the sale of each bag will be directed to the cause. So, this simple shopping bag can carry quite a heavy load, literally and figuratively. Literally, because they are made from exceptionally strong tent fabric that normally protects displaced families, but also proverbially because enabling children to go to school is invaluable and essential for sustainable development of the region. Each bag catalyzes hope for a child's better future.

A tradition of collaboration for impact

NRS Relief follows a long-standing tradition of collaborating for impact. Our first project was launched in 2017, when we partnered with renowned fashion designer Helen Storey of London College of Fashion to empower Syrian girls in Za'atari refugee camp by designing #LoveCoats made from thermal blankets.

Our team embraces its responsibility to create meaningful impact in the lives of affected communities our clients cater to. Importantly, we recognize that this is only the first link in the chain of the impact we can create as the leading supplier in the humanitarian sector. Therefore, all initiatives are reflective of our 360-degree approach to sustainability and we aim at positive change across the entire humanitarian supply chain, taking into account environmental, social and financial factors.

Shelter is far more than a roof and four walls

Shelter is a basic human need and is critical for survival in most disasters. At NRS Relief, we have developed shelter solutions for over 45 years, supplying refugee tents, multipurpose shelters, core relief items such as tarpaulins, and mobile storage units to UN agencies, international NGOs and bilateral donors. Our aim is to offer cost-effective, fit-for-purpose quality shelters and aid essentials, keeping the real needs of beneficiaries in mind.

To achieve this objective, we strive to provide clients with essential information about our product range, focusing on the technical specifications, innovations and modes of applications.

Every humanitarian crisis requires a unique response, taking the cultural and geographical context into consideration. The following pages, 18-19, presents a detailed Shelter matrix to assist procurement officers and senior managers working in the humanitarian community to make informed decisions, ensuring the most suitable product is sourced to fulfill the needs of each specific situation.

The humanitarian landscape is shifting rapidly, and new solutions need to be explored to solve the biggest crisis since the second World War. This includes a new way of thinking on how to accommodate displaced populations, acknowledging the socio-political context, the type and phase of the response.

In 2018 every minute 25 people were forced to flee, five times more than a decade earlier. These people have left their homes in an instant due to floods, earthquakes, cyclones or conflicts, leaving them powerless.

Families who have been impacted by such events always need sheltering. We recognize that a shelter is much more than a roof and walls. It is a temporary home, critical for survival and security, personal safety and protection against harsh climate conditions. It upholds human dignity and enables family life until permanent homes are ready.

Shelter assistance stretches far beyond the distribution of tents. It allows households to recover, for instance by providing tarpaulins to fix damaged structures, or to create housing solutions using locally sourced materials (i.e. bamboo in combination with tarps). Equally important is the need to restore community buildings, such as temporary clinics, schools, offices and mobile warehousing.

We not only provide shelter and community solutions for every stage of a humanitarian response; we also offer technical assistance and advice to define the approach to sheltering and community resilience, for each specific situation. We conduct field assessments to understand the local environment and the challenges faced, such as logistical barriers or country- specific needs.

Our perspective

Shelter Matrix

Very suitable | Possible | Std Standard | * icw insulation liner

	Type	Standard	Size M²	Fire retardant	Material (Skin/frame)	Tent style	Inner liner	Accomodation	Medical	Storage	Education	Office command	Community center	Workshop	Soft floor	Hard floor plastic	Hard doors	Hard windows	Partitions	PC liner	PES liner	Insulation liner	ZIP panel walls	Lights	Air conditioning	Heating	Solar energy systems	Fire alarm	Furniture	Bed /cots
			Basics					Applications			Applications				Options										Accessories						
Family tents	**GeoHome**	ICRC/IFRC/IOM	24	Y	PE/alu	Dome	Opt								Std				Std												
	Viva™ Family Tent	UNHCR	23	Y	PC/steel	Ridge	Std								Std				Std	Std											
	Viva™ Family Tent	ICRC/IFRC	23	N	PC/steel	Ridge	Std								Std				Std	Std											
	Viva™ Family Tent	DFID / Save the Children	23	Y	PC/steel	Ridge	Std								Std				Std	Std											
	Winterization Kit	For Viva™ Family Tents	-	Y	-	-	N/A																								
	Emergency Shelter Kit	DFID	16	Y	PC/steel	Ridge	N/A																								
	Huggy™ 24	UNICEF	24	Y	PVC/alu	House	Std								Std					Std											
	Huggy™ 42	UNICEF	42	Y	PVC/alu	House	Std								Std					Std											
	Huggy™ 72	UNICEF	72	Y	PVC/alu	House	Std								Std					Std											
	HuggyPRO 24	UNICEF	24	Y	PE/steel	House	Opt								Std																
	HuggyPRO 48	UNICEF	48	Y	PE/steel	House	Opt								Std																
	HuggyPRO 72	UNICEF	72	Y	PE/steel	House	Opt								Std																
Multipurpose tents	**Dispensary Tent**	IFRC	27.5	N	PC/alu	House	-																								
	Legend™ 33	ICRC/IFRC	33	Opt	PC/alu	House	Opt																								
	Legend™ 45	MSF/ICRC/IFRC	45	Opt	PC/alu	House	Opt																								
	LegendMEDI	In compliance with MSF standards	45	Y	PES/alu	House	Std								Std																
Mobile Storage Units	**Rex Hall 6.5 x 8m**	WFP Standard	52	Y	PVC/alu	Structure	-																		*	*					
	Rex Hall 10 x 24m	Used by ICRC/IFRC/WFP/ UNICEF/UNHCR	240	Y	PVC/alu	Structure	-																		*	*					
	Rex Hall 10 x 32m	Used by ICRC/IFRC/WFP	320	Y	PVC/alu	Structure	-																		*	*					
	Rex Hall 10 x 36m	Used by UNICEF/UNHCR	360	Y	PVC/alu	Structure	-																		*	*					

PE - Polyethelene, **PC** - Poly cotton, **Alu** - Aluminum, **PES** - Polyester, **PVC** - Polyvinyl chloride

Core relief items

Our core relief items such as tarpaulins, blankets, water containers, sleeping mats and winterization kits serve to immediately alleviate the suffering of those in need in the aftermath of every crisis. Our fit-for-purpose aid essentials meet the highest technical standards of UN agencies and international aid organizations.

Fire Retardant (Optional) | Waterproof | Rotproof | UV-stabilized | Logo customizable

Emergency Shelter Kit

DFID Standard

- Fit-for-purpose shelter kit consisting of two 4 x 7 m plastic sheets (also available in 4 x 6 m), two 24 m long ropes and laminated instruction leaflet.
- Can be assembled with Peg & Pole Kit (DFID Standard).

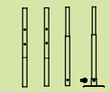
Technical specifications

(2x) Plastic sheeting	
Width	4 m standard size ±1% net width
Length	7 m sheet (also available in 6 m size)
Weight	170-190g/m² ±5%, plus 10% for the reinforcement bands under ISO 3801

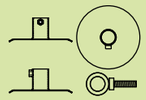
Rope specifications	
Length	2 x 24 m
Color	Black

Optional accessories

Peg & Pole kit



2x Standing poles



2x Base plates

4x TR pegs

Woven Flexible Tarpaulin

ICRC/IFRC/MSF/Oxfam Standard

- Fire retardant (optional)*, waterproof, rotproof and UV-resistant
- Highly recommended for family shelter protection.

Technical specifications

Width and length	
Size / Sheet	4.00 m x 6.00 m ±1%
Size / Roll	4.00 m x 60.00 m ±1%
Weight	
Sheet without bands	190 gsm ±20 g under ISO 3801
Complete sheet with bands	As above +10%
Total weight	From min 187 gsm to 200 gsm max

Materials

Woven HDPE black fibres fabric, double-side LDPE coating, reinforced with six bands of 75 mm width woven black HDPE fibres fabric and coated outside.

Reinforced Plastic Tarpaulin

UNHCR/UNICEF Standard

- Fire retardant (optional)*, waterproof, rotproof and UV-resistant
- Highly recommended for family shelter protection.

Technical specifications

Width and length	
Size / Sheet	4.00 m x 5.00 m ±1%
Size / Roll	4.00 m x 50.00 m ±1%
Weight	190 gsm ±20 g

Materials

190 gsm ±20 g/m² woven Polyethylene (HDPE) inner black fibres, warp x weft, laminated on both sides with LDPE coating

Aluminum reinforcement eyelets on four sheet sides at 100 cm (±5 cm) center to center.

i *• All our materials are UV-proof, waterproof, rotproof and fire retardant..*
• Marking and logo customized to your requirements.

Aquatainer™ 10L Collapsible

UNHCR Standard

- Collapsible 10L water container with handle for carrying and storing clean drinking water
- With or without spigot
- UV-stabilized and impact-resistant
- Manufactured food grade low density polyethylene (LDPE) without toxic elements according to EN 1186- 3-9 standards.

Impact resistant | Safe water storage | UV-stabilized | -20C +50C Temperature range | Logo customizable

Technical specifications

Capacity	10L
Weight	190 g - 230 g
Average thickness	0.60 mm and minimum corner thickness 0.50 mm
Built-in handle	90 mm x 30 mm
Polyamide string	1 mm diameter and 120 mm long

Materials

Manufactured food grade LDPE without toxic elements, with built-in carrying handle and removable cap. With or without spigot.

Aquatainer™ 20L Collapsible

ICRC/IFRC Standard

- Collapsible 20L water container with handle for carrying and storing clean drinking water
- With or without spigot
- UV-stabilized and impact-resistant
- Manufactured food grade low density polyethylene (LDPE) without toxic elements according to EN 1186-3-9 standards.

Technical specifications

Capacity	20L
Weight	265 g - 275 g
Average thickness	0.60 mm and minimum corner thickness 0.50 mm
Built-in handle	90 mm x 30 mm
Polyamide string	1 mm diameter and 120 mm long

Materials

Manufactured food grade LDPE without toxic elements, with built-in carrying handle and removable cap. With or without spigot.

i • *All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• *Marking and logo customized to your requirements.*

Pura™ 14L Water Bucket

ICRC/IFRC/UNHCR Standard

- Non-collapsible, heavy-duty, 14L plastic water bucket with tight-ftting lid, handle and attached clip-on cap
- UV-resistant and safe for transport and storage of safe drinking water
- Stackable and easy to carry by hand, available with or without spigot
- Ideal for family or individual drinking water container.

Impact resistant | Safe water storage | UV-stabilized | Logo customizable

Technical specifications

Capacity	14L
Top diameter	300 mm ±5%
Height	300 mm ±5%

Materials

Container	Manufactured HDPE and LDPE, durable, UV-resistant, safe for water storage
Top	Reinforced to prevent ovaling
Walls	The walls meet the bottom of the bucket with a curved inside surface to prevent dirt accumulation and facilitate cleaning
Lid	The bucket has a tight-ftting lid of the same material of the bucket with an attached push-on cap
Color	Bucket: White Cover and handle: Red, green or other color upon request.

Jerry Bucket

Oxfam Standard

- Improved 14-litre bucket designed to act as a stackable safe water container (rather than as a multipurpose bucket) and to combat the alarming incidence of drinking water contamination
- A larger lid opening with a clip-on-cap allows better cleaning and easier filling from hand pumps
- Strong and durable quality for a long-life span in tough conditions
- An optional tap makes taking water from the container simple.

Technical specifications

Capacity	14L
Top diameter	300 mm
Height	300 mm
Bottom diameter	240 mm
Cover with clip on cap diameter	100 mm

Materials

Manufactured HDPE and LDPE, safe for water storage.

i • *All our materials are UV-proof, waterproof, rotproof and fire retardant*
• *Marking and logo customized to your requirements.*

Low Thermal Synthetic Blanket

ICRC/IFRC Standard

- Minimum 1.5 TOG for indoor use, on a bed, in a house with heating facilities
- Mild temperature.

Logo customizable

Technical specifications

Total size	1.50 m x 2.00 m
IFRC/ICRC Standard	
Weight	200 gsm - 400 gsm
Thickness	3.5 mm minimum

Materials

100% virgin fibers from polyester or acrylic, knitted or woven, dry raised both sides, ISO C1833 on dry weight, color grey. Some cotton may be included in the yarns

Medium Thermal Synthetic Blanket

UNHCR/UNICEF and ICRC/IFRC Standard

- Minimum 2.5 TOG for outdoor use and indoor use without artificial heat
- Mild and cold temperature.

Technical specifications

Total size	1.50 m x 2.00 m
IFRC/ICRC Standard	
Weight	400 gsm - 700 gsm
Thickness	3 mm minimum
UNHCR/UNICEF Standard	
Weight	300 gsm - 650 gsm ±5%
Thickness	3 mm minimum

Materials

100% virgin fibers from polyester, knitted and dry raised on both sides, ISO C1833 on dry weight, grey

High Thermal Synthetic Blanket

UNHCR/UNICEF and ICRC/IFRC Standard

- Minimum 4.0 TOG for indoor use and cold climates
- Cold temperature.

Technical specifications

Total size	1.50 m x 2.00 m
IFRC/ICRC Standard	
Weight	500 gsm - 1000 gsm
Thickness	9.5 mm minimum
UNHCR/UNICEF Standard	
Weight	500 gsm - 600 gsm ±5%
Thickness	5 mm minimum

Materials

100% virgin fibers from polyester, knitted and dry raised on both sides, ISO 1833 on dry weight, grey.

i • *All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• *Marking and logo customized to your requirements.*

Viva™ Thermal Sleeping Mat

ICRC/IFRC/UNHCR Standard

- Multipurpose thermal mat that can be used in tents and in other sleeping environments
- Assembled in 3 layers with heavy-duty ribbon, strongly stitched around the mat's entire perimeter
- Mild/cold temperature
- Suitable for one adult/two children.

Logo customizable

Technical specifications

Total length	1.80 m
Width	0.90 m
Total weight	3.50 kg

Materials

1st layer	500 gsm virgin Polypropylene (PP) multi-filament
2nd layer	Aluminized synthetic canvas
3rd layer	Medium thermal blanket

Synthetic Sleeping Mat

UNHCR Standard

- Waterproof, tearproof and material trim finish
- Mild temperature
- Suitable for one adult/two children.

Technical specifications

Total length	1.80 m
Width	0.90 m
Total weight	500 g/m² minimum +5%

Materials

100% virgin mono-lament or multi-lament warp and thick tape PP or Polyester yarn in weft

Viva™ Stove

ICRC/IFRC/UNHCR Standard

- Simple yet efficient wood-burning steel stove and heater design adapted to fit a standard family tent and other type of shelter structures that have appropriate chimney opening.

Technical specifications

Master package size	88 x 30 x 40 cm
Chimney pipe	50 cm long
Chimney outlet	90 mm

Materials

Stove	Steel, 2 mm thick
Chimney outlet	Steel, 90 mm outlet
Chimney pipes	Six pipes made of galvanised steel, anti-rust
Chimney elbows	Two elbows 20° made of steel, anti-rust
Chimney hood	One hood made of steel, anti-rust
Disc	One anti-spark disc made of steel
Brackets	Two brackets for holding pipes to the support made of anti-rust iron sheet
Tripod support	Adjustable tripod support painted in hot dip anti-rust paint, made of steel pipe
Stove support	Made of square steel tube, minimum 25 x 1 mm thick, anti-rust paint
Weight	Weight of stove without accessories: 16 kg + 1 kg
Color	Stove and all parts: steel color.

Family tents

Our fire-retardant family tents are fit-for-purpose, durable shelters designed for humanitarian settings. All our tents comply with recommended minimum living area in hot and moderate climates (3.5 m² per person), providing extra space for cold climates. We offer a new-generation polyethylene geodesic shaped dome tent and the classic poly-cotton family shelter, which can be used in combination with the Winterization Kit.

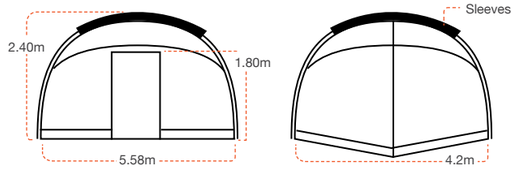
Fire Retardant | Waterproof | Rotproof | UV-stabilized | 5 person | Logo customizable

GeoHome

ICRC/IFRC/IOM Standard

- New generation family tent, geodesic shape
- Two-layer: outer tent and shade cover
- Adaptable to all climates
- Easy-set up (30 minutes, 3 persons)
- Fire retardant, UV resistant and waterproof
- Accommodates five persons
- Rapid deployment in any emergency.

Graphic reference



Technical specifications

Outer tent	
Total living area	19.6 m²
Center height	2.40 m
Length	4.33 m
Width	5.58 m
Wall height	Dome-shaped
Door height	1.70 m

Materials

Outer tent (roof, walls, mud flaps, ground sheets and share fly)	Base fabric: Woven high-density polyethylene (HDPE) black fibres Coating: white low density polyethylene (LDPE) on both sides, 190 gsm, Fire retardancy: EN13823+AI
Inner tent	100% polyester, 100 gsm, white. Fire retardancy: CPAI 84
Mosquito nets	Polyester Outer tent: 7-9 holes per inch2 Inner tent: 20-25 holes per inch2
Frame	All aluminum Main pipes: outer diameter 19 mm ±0.5 mm, thickness 1.2 mm ±1%, Connectors: outer diameter adapted to main pipe, thickness 1.5 mm ±1%

Tent parts

Windows	Six windows. Two on each side of the tent and one next to each of the doors 500 mm x 500 mm. Lower edge of the window 500 mm from the ground
Ventilation	Two ventilation openings at the top of the tent roof above the doors.
Mosquito nets	Polyester Outer tent: 7-9 holes per inch2 Inner tent: 20-25 holes per inch2
Doors	Two doors located on the center of both tent gable ends. 0.9 m wide x 1.7 m high.

i *• All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• Marking and logo customized to your requirements.

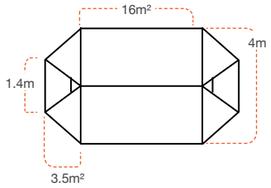
Fire Retardant | Waterproof | Rotproof | UV-stabilized | 5 person | Logo customizable

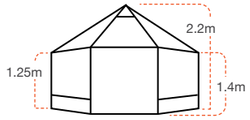
Viva™ Family tent

UNHCR Standard

- Fire retardant, waterproof, rotproof and UV-stabilized
- 16 m² main oor area plus two 3.5 m² vestibules for a total area of 23 m², double-fly with ground sheet
- Complies to recommended minimum living area in hot and temperate climates (3.5 m² per person), providing extra space for cold climates
- Suitable for family of five people.

Graphic reference





Technical specifications

Outer tent	
Total living area	23 m²
Main floor	16 m²
Two vestibule area	3.5 m² x 2 = 7 m²
Center height	2.20 m
Width	4.00 m
Ridge length	4.00 m
Side wall height	1.25 m
Center base length	6.60 m
Tent doors (W x H)	
Total size	1.30 x 1.40 m
Door flaps	1.40 x 1.60 m
Upper part	1.40 x 0.90 m (PC)
Lower part	1.40 x 0.70 m (PE)
Upright poles	
Two upright poles	2.20 m
One center upright pole	2.17 m
Pole diameter	25 x 1.20 mm
Side poles	
Six side poles	1.25 m
Four door poles	1.40 m
Pole diameter	19 x 1.25 mm

Materials

Outer tent	Roof: 350 gsm Polycotton, natural white (±10%) Wall: 200 gsm Polycotton, natural white (±10%)
Inner tent	130 gsm Polycotton, natural white
Mud flaps	180 gsm Polyethylene (HDPE), black (±5%)
Ground sheet	180 gsm Polyethylene (HDPE), black, sewn in bathtub (±5%)

Tent parts

Inner partition	Two half partitions running from center pole to side wall
Chimney	A chimney reinforcement with a non-perforated opening is placed at 0.50 m from one corner
Windows	Outer tent has two long windows (360 x 30 cm) with mosquito netting and a rain flap running on both sides of the tent
Ventilators	The outer tent has two ventilation openings (25 x 30 cm) in front and back with reinforcement netting and a rain flap.

i • *All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• *Marking and logo customized to your requirements.*

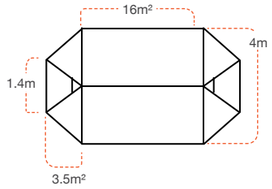
Waterproof | Rotproof | UV-stabilized | 5 person | Logo customizable

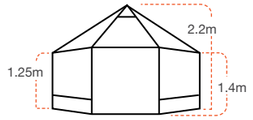
Viva™ Family tent

ICRC/IFRC Standard

- Waterproof, rotproof and UV-stabilized
- 16 m² main floor area plus two 3.5 m² vestibules
- Large windows (360 cm wide and 60 cm height)
- Minimum living area in hot and temperate climates
- Suitable for family of 5 people.

Graphic reference





Technical specifications

Outer tent	
Total living area	23 m²
Main floor	16 m²
Two vestibule area	3.5 m² x 2 = 7 m²
Center height	2.20 m
Width	4.00 m
Ridge length	4.00 m
Side wall height	1.25 m
Center base length	6.60 m
Tent doors (W x H)	
Total size	1.30 x 1.40 m
Door flaps	1.40 x 1.60 m
Upper part	1.40 x 0.90 m (PC)
Lower part	1.40 x 0.70 m (PE)
Upright poles	
Two upright poles	2.20 m
One center upright pole	2.17 m
Pole diameter	25 x 1.20 mm
Side poles	
Six side poles	1.25 m
Four door poles	1.40 m
Pole diameter	19 x 1.25 mm

Materials

Outer tent	Roof: 380 gsm Polycotton, natural white (±10%) Wall: 250 gsm Polycotton, natural white (±10%)
Inner tent	160 gsm Polycotton, natural white
Mud flaps	180 gsm Polyethylene (HDPE), black (±5%)
Ground sheet	180 gsm Polyethylene (HDPE), black, sewn in bathtub (±5%)

Tent parts

Inner partition	Two half partitions running from center pole to side wall
Chimney	A chimney reinforcement with a non-perforated opening is placed at 0.50 m from one corner
Windows	Outer tent has two long windows (360 x 60 cm) with mosquito netting and a rain flap running on both sides of the tent
Ventilators	The outer tent has two ventilation openings (25 x 30cm) in front and back with reinforcement netting and a rain flap.

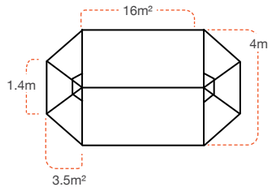
i • *All our materials are UV-proof, waterproof, rotproof and fire retardant (optional).*
• *Marking and logo customized to your requirements.*

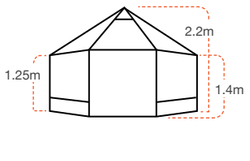
Viva™ Family tent

DFID/Save the Children Standard

- Fire retardant, waterproof, rotproof and UV-stabilized
- 16 m² main floor area plus two 3.5 m² vestibules for a total area of 23 m², double-fly with ground sheet
- Complies to recommended minimum living area in hot and temperate climates (3.2 m² per person), providing extra space for cold climates
- Suitable for family of five people.

Graphic reference





Fire Retardant | Waterproof | Rotproof | UV-stabilized | 5 person | Logo customizable

Technical specifications

Outer tent	
Total living area	23 m²
Main floor	16 m²
Vestibule area	3.5 m²
Center height	2.20 m
Width	4.00 m
Ridge length	4.00 m
Side wall height	1.25 m
Center base length	6.60 m
Tent doors (W x H)	
Total size	1.35 x 1.40 m
Door flaps	1.45 x 1.60 m
Upper part	1.45 x 0.90 m (PC)
Lower part	1.45 x 0.70 m (PE)
Upright poles	
Two upright poles	2.20 m
One center upright pole	2.17 m + U shape
Pole diameter	Two pcs x (25 x 1.50 mm) and One pc x (32 x 1.5 mm)
Side poles	
Six side poles	1.25 m
Four door poles	1.40 m
Pole diameter	19 x 1.5 mm

Materials

Outer tent	Roof, wall and canopy: 380 g/m² without FR, Polycotton, Natural white
Inner tent	380 g/m², Polycotton, Natural white
Inner liner and partition	160 g/m² Polycotton, except fire retardant. Yellow, Beige, Cream and Sand
Mud flaps	500 - 610 g/m², PVC coated Polyester, in Light Color
Ground sheet	180 g/m² (HDPE), in Light color. Sewn in bathtub

Tent parts

Inner partition	Two half partitions running from center pole to side wall
Chimney	A chimney reinforcement with a non-perforated opening is placed at 0.50 m from one corner
Windows	Outer tent has two long windows (360 x 30 cm) with mosquito netting and a rain flap running on both sides of the tent
Ventilators	The outer tent has six ventilation openings (35 x 40cm) in front and back with reinforcement netting and a rain flap.

i • *All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• *Marking and logo customized to your requirements.*

Fire Retardant | Logo customizable

Viva™ Winterization Kit

UNHCR/ICRC/IFRC Standard

- Designed to improve the insulation against cold for Viva™ Family Tents
- All the components are fire retardant to the level of the CPAI84 regulation
- All materials and additives used in the kit are non-toxic for human use, free from asbestos and other toxic products, according to the EC regulations
- Designed to fit together to the liner's attachment points and heater flue pipe protection. All materials are fully fire retardant
- Can be used in any tent to protect the ground sheet when using a stove or heater
- Can be used only with tents originally equipped with standard chimney patch and flap
- Individually packed in a strong, waterproof plastic bag made of standard plastic tarpaulin.

Kit includes

- 5x insulated thermal sleeping mats
- 5x heat-resistant fibrocement plates (20 x 50 cm) for floor protection when using a stove/heater
- 1x winterization liner + 1x inner partition
- 1x heat-resistant chimney sleeve for heater fume pipe.

Insulating floor mats

Designed to protect families against the cold from the ground in standard family tents

Dimensions	1.8 x 0.9 m per mat
1st layer, plastic floor mat	Tight woven twill structure, double thickness, virgin polypropylene multifilament 500 deniers in warp, minimum 1,000 tubes/meter, 500 gsm minimum weight
2nd layer, alumnized canvas	Strong synthetic canvas with durable aluminum coating
3rd layer, fleece blanket	Refer to our Medium Thermal Synthetic Blanket specifications
Design assembly	Heavy-duty ribbon strongly stitched all around the mat

Floor protection

Can be used in any tent to protect the ground sheet when using a stove or heater.

Dimensions	4 mm thickness/plate, covering min. 0.5 x 1 m total surface
Materials	Fibrocement plates, 100% fire-proof and rigid material

Winterization liner and inner partition

Inner liner is designed to fit together, in particular to the attachment points of the liner, and the heater flue pipe protection. This inner liner includes an inner partition
• All materials are fire retardant to pass CPAI84, 1980, chapter 6 test

Dimensions	2.5 m ceter height, 3.8 m width, 1.65 m wall height, 3.8 m base length
Materials	Weight: 130 gsm ±10% in finished state except FR weight Tensile strength: ISO 13934-1, warp and weft 300 N minimum Tear strength: ISO 9073-4, warp and weft 20 N minimum Colors: Available in yellow, beige, cream or sand
Design	Made from one fold of breathable, rot-proof, fire retardant canvas

Heat-Resistant Sleeve

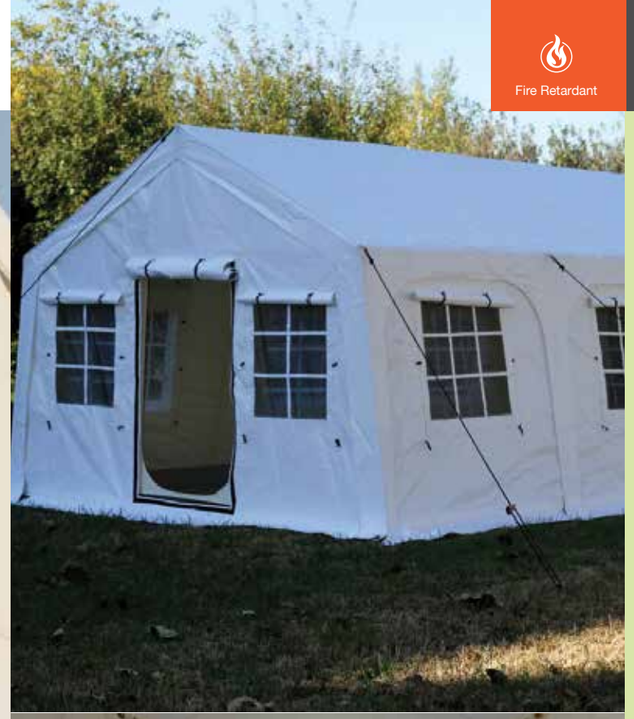
Can be used only with tents originally equipped with standard chimney patch and flap as described in our Viva™ Family Tents

Dimensions	350 x 700 mm base pyramid shape, 400 mm pyramid height, 150 mm hole diameter
Material	100% fireproof, tearproof, waterproof soft canvas Fire resistant to CPAI84/6 at conditions of origin and after leaching Tear resistant under ISO 9073-4: minimum 40 N Waterproof under ISO 811: minimum 20 hpa (20 cm)
Design	Flue-pipe sleeve is a spare part made of fireproof canvas. Pyramid base has Velcro to grip to the Velcro of the tent chimney outer flap.

i • *All components are fire retardant to the level of the CPAI84 regulation*
• *All materials and additives used in the kit are non-toxic for human use, free from asbestos and other toxic products, according to the EC regulations*
• *Marking, logo and colors are customized to client requirements.*

Multipurpose tents

We offer a wide range of multipurpose tents that can be deployed in various ways, such as school, medical space, office or group accommodation. The latest addition to our enviable range is the LegendMEDI, a medical structure in compliance with MSF standards. The LegendMEDI is developed in a response to the Ebola outbreak in 2014 and offers separate, easy-to-disinfect cabins for suspected and confirmed hemorrhagic fevers patients.

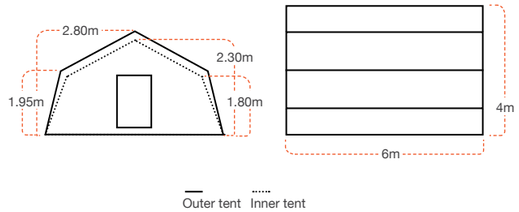


Huggy™ 24 tent

UNICEF Standard

- Waterproof, rotproof and UV-stabilized
- Lightweight, rectangular and framed tent that can be used for schooling, storage or temporary shelter purposes
- Outer tent fabric is made of 450 - 455 g/m² PVC coated fabric, natural white
- Marking and logo customized to your requirements.

Graphic reference



Fire Retardant | Waterproof | Rotproof | UV-stabilized | Logo customizable

Technical specifications

Outer tent	
Total size	6.00 x 4.00 m
Center height	2.80 m
Wall height	1.95 m
Inner tent	
Center height	2.30 m
Wall height	1.80 m

Materials

Outer tent	450 - 455 gsm fire retardant* PVC coated fabric, natural white
Inner tent	120 gsm Polycotton, natural white
Ground sheet	190 gsm Polyethylene (HDPE), PVC fabric, sewn in bathtub, light grey/natural white
Windows	Six windows on long sidewalls 0.85 x 0.85 m with PE stripes reinforcement Four windows on short sidewalls 0.70 x 0.85 m with PE stripes reinforcement
Doors	One door on each gable end side 1.00 x 1.80 m, closed with velcro
Ground sheet	Double stitched to inner tent, 100 - 200 mm above the ground
Main frame	35 aluminum pipes 37 mm diameter, 2 mm thick, silver / 10 steel connectors, silver / 12 steel connectors with base plates, silver / Four hanging steel connectors
Seams	All seams are double-stitched with welded main roof seams.

i *• All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• Marking and logo customized to your requirements.

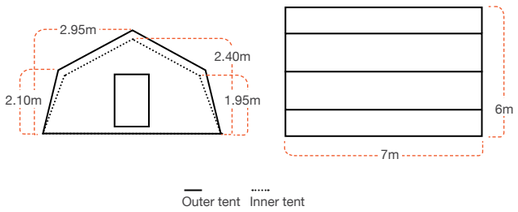
Fire Retardant | Waterproof | Rotproof | UV-stabilized | Logo customizable

Huggy™ 42 tent

UNICEF Standard

- Waterproof, rotproof and UV-stabilized
- Lightweight, rectangular and framed tent that can be used for schooling, storage or temporary shelter purposes
- Outer tent fabric is made of 450 - 455 g/m2 PVC coated fabric, natural white
- Marking and logo customized to your requirements.

Graphic reference



Technical specifications

Outer tent	
Total size	7.00 x 6.00 m
Center height	2.95 m
Wall height	2.10 m
Inner tent	
Center height	2.40 m
Wall height	1.95 m

Materials

Outer tent	450 gsm - 550 gsm fire retardant* PVC coated fabric, natural white
Inner tent	120 gsm Polycotton, natural white
Ground sheet	190 gsm Polyethylene (HDPE), PVC fabric, sewn in bathtub, light grey/natural white
Windows	Eight windows on long sidewalls 0.90 x 1.10 m with PVC stripes reinforcement / four windows on short sidewalls 0.85 x 1.00m with PVC stripes reinforcement
Doors	One door on each gable end side 1.20 x 2.00 m, closed with velcro
Ground sheet	Double stitched to inner tent, 100 - 200 mm above the ground
Main frame	46 aluminum pipes 37 mm diameter, 2 mm thick, silver / 15 steel connectors, silver / 14 steel connectors with base plates, silver / five hanging steel connectors, two hooks on each end, silver
Seams	All seams are double-stitched with welded main roof seams.

i • *All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• *Marking and logo customized to your requirements.*

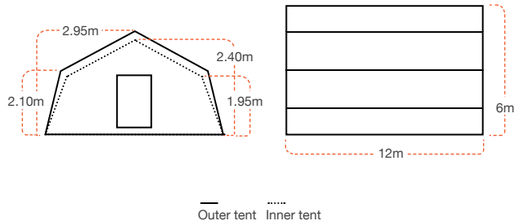
Fire Retardant | Waterproof | Rotproof | UV-stabilized | Logo customizable

Huggy™ 72 tent

UNICEF Standard

- Waterproof, rotproof and UV-stabilized
- Lightweight, rectangular and framed tent that can be used for schooling, storage or temporary shelter purposes
- Outer tent fabric is made of 450 - 455 g/m² PVC coated fabric, natural white
- Marking and logo customized to your requirements.

Graphic reference



Technical specifications

Outer tent	
Total size	12.00 x 6.00 m
Center height	2.95 m
Wall height	2.10 m
Inner tent	
Center height	2.40 m
Wall height	1.95 m

Materials

Outer tent	450 - 455 gsm fire retardant* PVC coated fabric, natural white
Inner tent	120 gsm Polycotton, natural white
Ground sheet	190 gsm PE fabric, sewn in bathtub, light grey/natural white
Windows	12 windows on long sidewalls 1.05 x 1.10 m with PE stripes reinforcement 4 windows on short sidewalls 0.85 x 1.00 m with PE stripes reinforcement
Doors	One door on each gable end side 1.20 x 2.00 m, closed with velcro
Ground sheet	Double stitched to inner tent, 100 - 200 mm above the ground
Main frame	64 aluminum pipes 37 mm diameter, 2 mm thick, silver, 21 steel connectors, silver 18 steel connectors with base plates, silver Seven hanging steel connectors, two hooks on each end, silver
Seams	All seams are double-stitched with welded main roof seams.

i • *All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• *Marking and logo customized to your requirements.*

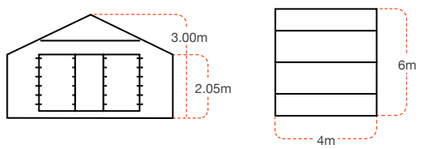
Fire Retardant | Waterproof | Rotproof | UV-stabilized | Logo customizable

HuggyPRO 24 tent

UNICEF Standard

- New generation multipurpose tent made of high quality and durable materials, ensuring a strong construction
- A spacious 24 m² tent with vertical walls for optimum use of inner space
- Cost-efficient, lightweight and compact packing
- Strong and lightweight high tensile steel frame structure to withstand high wind and snow loads
- Rot and mildew proof, easy to clean and disinfect, resistant to commonly used disinfectants and detergents
- High performing in hot, cold and wet weather conditions; does not ‘heat up’ in direct sunlight, blocks UV, does not break or absorb moisture in below zero temperatures
- High comfort thanks to advanced ventilation and large mesh windows
- Environmentally friendly: low energy production process, fully recyclable, safely disposable by burning or burying when recycling is not possible.

Graphic reference



Technical specifications

Dimensions	
Total size	24 m²
Floor size	6.0 x 4.0 m (±2%)
Central height outer tent	3.00 m (±2%)
Wall height outer tent	2.05 m (±2%)
Structure	Lightweight tubular steel frame sturcture

Add ons

Inner liner, Winter liner, Winter liner (insulating flooring tiles), Hard flooring, Electrical lighting kit, Solat lighting kit

Materials

Outer liner and mud flaps	250 g/m² ±10% HDPE/LDPE laminated woven fabric, waterproof, UV resistant, Fire Retardant CPAI 84-6, rot roof and durable
Ground sheet	190 g/m² ±10% HDPE/LDPE laminated woven fabric, waterproof 5000 mm, Fire Retardant CPAI 84-6. Rotproof and durable
Shade net	190 g/m² ±10% HDPE knitted mesh, UV-resistant, rot proof, Fire Retardant CPAI 84-6
PES mesh, PVC coated, for windows and ventilatino grates	270 g/m² ±10% PVC coated PES knitted mesh, UV resistant and Fire Retardant Class B1
Steel tubing for frame	Steel quality: high tensile steel, quality Q195, rolled and welded tubing, electrolytic galvanized. Diameter 38 mm, wall thickness 1.5 mm. Frame components are powder coated after fabrication
Colors	White outer liner, light grey groundsheet, black trimmings.

i • *All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• *Marking and logo customized to your requirements.*

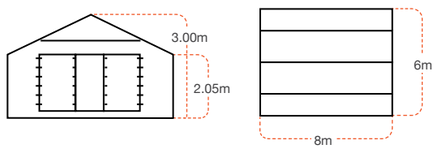
Fire Retardant | Waterproof | Rotproof | UV-stabilized | Logo customizable

HuggyPRO 48 tent

UNICEF Standard

- New generation multipurpose tent made of high quality and durable materials, ensuring a strong construction
- A spacious 48 m² tent with vertical walls for optimum use of inner space
- Cost-efficient, lightweight and compact packing
- Strong and lightweight high tensile steel frame structure to withstand high wind and snow loads
- Rot and mildew proof, easy to clean and disinfect, resistant to commonly used disinfectants and detergents
- High performing in hot, cold and wet weather conditions; does not ‘heat up’ in direct sunlight, blocks UV, does not break or absorb moisture in below zero temperatures
- High comfort thanks to advanced ventilation and large mesh windows
- Environmentally friendly: low energy production process, fully recyclable, safely disposable by burning or burying when recycling is not possible.

Graphic reference



Technical specifications

Dimensions	
Total size	48 m²
Floor size	6.0 x 8.0 m (±2%)
Central height outer tent	3.00 m (±2%)
Wall height outer tent	2.05 m (±2%)
Structure	Lightweight tubular steel frame sturcture

Add ons

Inner liner, Winter liner, Winter liner (insulating flooring tiles), Hard flooring, Electrical lighting kit, Solat lighting kit

Materials

Outer liner and mud flaps	250 g/m² ±10% HDPE/LDPE laminated woven fabric, waterproof, UV resistant, Fire Retardant CPAI 84-6, rot roof and durable
Ground sheet	190 g/m² ±10% HDPE/LDPE laminated woven fabric, waterproof 5000 mm, Fire Retardant CPAI 84-6. Rotproof and durable
Shade net	190 g/m² ±10% HDPE knitted mesh, UV-resistant, rot proof, Fire Retardant CPAI 84-6
PES mesh, PVC coated, for windows and ventilatino grates	270 g/m² ±10% PVC coated PES knitted mesh, UV resistant and Fire Retardant Class B1
Steel tubing for frame	Steel quality: high tensile steel, quality Q195, rolled and welded tubing, electrolytic galvanized. Diameter 38 mm, wall thickness 1.5 mm. Frame components are powder coated after fabrication
Colors	White outer liner, light grey groundsheet, black trimmings.

i • *All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• *Marking and logo customized to your requirements.*

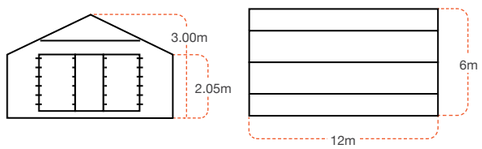
Fire Retardant | Waterproof | Rotproof | UV-stabilized | Logo customizable

HuggyPRO 72 tent

UNICEF Standard

- New generation multipurpose tent made of high quality and durable materials, ensuring a strong construction
- A spacious 72 m² tent with vertical walls for optimum use of inner space
- Cost-efficient, lightweight and compact packing
- Strong and lightweight high tensile steel frame structure to withstand high wind and snow loads
- Rot and mildew proof, easy to clean and disinfect, resistant to commonly used disinfectants and detergents
- High performing in hot, cold and wet weather conditions; does not ‘heat up’ in direct sunlight, blocks UV, does not break or absorb moisture in below zero temperatures
- High comfort thanks to advanced ventilation and large mesh windows
- Environmentally friendly: low energy production process, fully recyclable, safely disposable by burning or burying when recycling is not possible.

Graphic reference



Technical specifications

Dimensions	
Total size	72 m²
Floor size	6.0 x 12.0 m (±2%)
Central height outer tent	3.00 m (±2%)
Wall height outer tent	2.05 m (±2%)
Structure	Lightweight tubular steel frame sturcture

Add ons

Inner liner, Winter liner, Winter liner (insulating flooring tiles), Hard flooring, Electrical lighting kit, Solat lighting kit

Materials

Outer liner and mud flaps	250 g/m² ±10% HDPE/LDPE laminated woven fabric, waterproof, UV resistant, Fire Retardant CPAI 84-6, rot roof and durable
Ground sheet	190 g/m² ±10% HDPE/LDPE laminated woven fabric, waterproof 5000 mm, Fire Retardant CPAI 84-6. Rotproof and durable
Shade net	190 g/m² ±10% HDPE knitted mesh, UV-resistant, rot proof, Fire Retardant CPAI 84-6
PES mesh, PVC coated, for windows and ventilatino grates	270 g/m² ±10% PVC coated PES knitted mesh, UV resistant and Fire Retardant Class B1
Steel tubing for frame	Steel quality: high tensile steel, quality Q195, rolled and welded tubing, electrolytic galvanized. Diameter 38 mm, wall thickness 1.5 mm. Frame components are powder coated after fabrication
Colors	White outer liner, light grey groundsheet, black trimmings.

i • *All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• *Marking and logo customized to your requirements.*

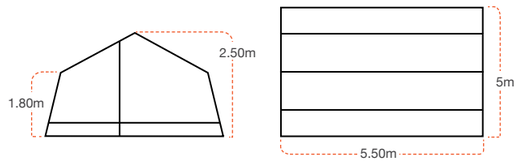
Waterproof | Rotproof | UV-stabilized | Logo customizable

Dispensary tent

IFRC Standard

- 27.5 sqm waterproof tent ideal for medical, educational, office, storage or accommodation use
- Easy set up with three to four personnel in 30 minutes
- Especially designed for high resistance to wind, rain and micro-organisms
- Has triangular ventilation windows, replaceable logo windows, and cable connectors for power supply
- Optional accessories consist of bath tub ground sheet and shade net, as well as an option for fire retardancy treatment
- Several tents can be assembled in line with the built-in connection strip
- Suitable for 8-20 people.

Graphic reference



Technical specifications

Dimensions	
Total size	27.5 m²
Length	5.5 m
Width	5.0 m
Wall height	1.8 m

Materials

Frame	aluminum frame, all poles with 40 mm diameter and 2 mm thickness 8x standing poles, 175 cm, with base plate 8x ridge beam poles, 145 cm 9x ridge poles, 171 cm, 12x connectors
Outer tent roof, wall and door	High quality fabric canvas, 440 gsm, waterproof
Shade net	HDPE with 10 metal sticks
Windows	4x triangular windows with mosquito nets

Accessories

Pegs and pins	4x candy cane-shaped pegs made from twisted rod, 12 mm thickness and 40 cm length 16x L-shaped pins made from twisted rod, 10 mm thickness and 20 cm length 20x candy cane pegs, 30 cm length
Hammer	Sledge hammer with wooden handle.

i • *All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• *Marking and logo customized to your requirements.*

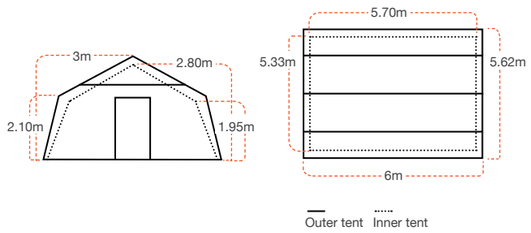
Fire Retardant (Optional) | Waterproof | Rotproof | UV-stabilized | 15-30 people | Logo customizable

Legend™ 33 tent

ICRC/IFRC Standard

- Multipurpose tent which can be used for schooling, office, clinic, health center, storage or temporary shelter purposes and can be attached to one another to make a longer structure
- Separate ground sheet for use in tent is available as option in case main tent is used for living conditions / clinics
- A shade net is available as an optional accessories in hot climates
- For increased protection from heat, cold, wind, dust, and insects an inner tent with sewed in bath tub type ground sheet is available as an option
- Suitable for 15-30 persons.

Graphic reference



Technical specifications

Outer tent (width x height)	
Total size	6 x 5.63 m
Ridge height	3.00 m
Side wall height	2.10 m
Inner tent (width x height)	
Total size	5.70 x 5.33 m
Ridge height	2.80 m
Side wall height	1.95 m

Materials

Outer tent	Roof, wall: Polycotton blended fibre yarns, 440 gsm for the roof, 320 gsm in finished state for the walls
Mud flaps	PVC coated fabric polyester 1100 dtex, PVC coated 2 sides 540 gsm

Tent parts

Doors	One door on each end with fast opening/closing system and one on each side. Full width opening possible on both ends
Ventilation	Two high ventilation windows with sun-visors/ shutters, grill and mosquito netting on each side. One high ventilation window with shutter, canopy/sun-visor and mosquito netting on each gable end
Frame	The tent has an aluminum frame with 40 mm x 2 mm pipes (same length) and steel connectors (same angle) in sandwich bale.
Accessories	One tent with all accessories packed in a bale. Other required accessories including assembling instruction, content list and repair kit included
Others	Velcro strips on both sides for logo attachment and two electric cable passages.

i • *All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• *Marking and logo customized to your requirements.*

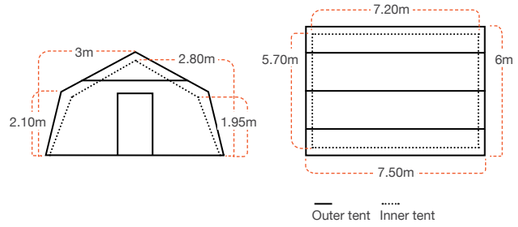
Fire Retardant (Optional) | Waterproof | Rotproof | UV-stabilized | 15-30 people | Logo customizable

Legend™ 45 tent

MSF/ICRC/IFRC Standard

- Multipurpose tent which can be used for schooling, office, clinic, health center, storage or temporary shelter purposes and can be attached to one another to make a longer structure
- Separate ground sheet for use in tent is available as option in case main tent is used for living conditions / clinics
- A shade net is available as an optional accessories in hot climates
- Set of 5 partitions to create separate areas and a closed cabin inside the tent is available as option
- For increase protection from heat, cold, wind, dust, and insects an Inner tent with sewed in bath tube type ground sheet is available as an option
- Suitable for 20-40 person.

Graphic reference



Technical specifications

Outer tent (width x height)	
Total size	7.50 x 6.00 m
Ridge height	3.00 m
Side wall height	2.10 m
Inner tent (width x height)	
Total size	7.20 x 5.70 m
Ridge height	2.80 m
Side wall height	1.95 m

Materials

Outer tent	Roof, wall: Poly-Cotton blended fiber yarns, 440 gsm for the roof, 320gsm in finished state for the walls
Mud flaps	PVC coated fabric polyester 1100 dtex, PVC coated 2 sides 540 gsm

Tent parts

Doors	One door on each end with fast opening/closing system and one on each side. Full width opening possible on both ends
Ventilation	Two high ventilation windows with sun-visors/ shutters, grill and mosquito netting on each side. One high ventilation window with shutter, canopy/ sun-visor and mosquito netting on each gable end
Frame	The tent has an aluminum frame with 40 mm x 2 mm pipes (same length) and steel connectors (same angle) in sandwich bale
Accessories	One tent with all accessories packed in a bale. Other required accessories including assembling instruction, content list and repair kit included
Others	Velcro strips on both sides for logo attachment and two electric cable passages.

i • *All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• *Marking and logo customized to your requirements.*

Fire Retardant | Waterproof | Rotproof | UV-stabilized | Logo customizable

LegendMEDI

MSF Standard

- This tent is designed in response to the Ebola epidemic in 2014. The medical tent can be deployed in case of haemorrhagic fever outbreaks such as Ebola and Lassa. Also, it can be deployed in cases of outbreaks of infectious diseases such as cholera
- It offers solutions such as treatment and isolation rooms for both suspected and confirmed patients.
- The individual cabins for suspected patients prevent cross-contamination between infected and healthy patients
- The medical tent is constructed in a way no (infected) material can accumulate on the surface of the tent, in seams or other parts
- The tent is designed to allow freedom of movement and easy operation like opening/ closing of the doors with magnetic closures, wearing protective clothing
- The special treatment cabins and other accessories are made of PVC coated polyester or polyethylene tarpaulin with non- corrosive accessories, whereby all seams and attachment points which might get in touch with patients, are heat or HF welded
- All tent components can be disinfected with chlorine-based disinfectants or other commonly used detergents
- It can be erected on various soil conditions and in different climate conditions, from moderate to tropical.

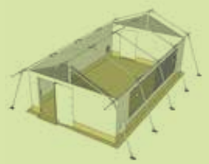
Technical specifications

Dimensions	
Cabin for confirmed patients	4.2 m x 7.2 m x 2 m = total floor space 30.2 m² Door opening of 1.8 x 1 m
Cabin for suspected patients & Examination rooms - 4 cabins	2 cabins (2 rooms per cabin) 4.2 m x 3.5 m x 2 m = total floorspace 14.7 m² Total floorspace 2 cabins (total 4 cabins) = 29.4 m² Total floorspace per room = 7.3 m²
Partition panels	2 m x 2 m
Shade net	6.5 m x 8 m
Canopy shade net	6.5 m x 4 m

Materials

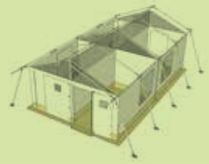
Cabin for confirmed patients	Bathtub style groundsheet: PVC 540 gsm, FR B1, colour: sand or brown Gables, side walls, doors and hanging points: PVC 450 gsm, FR B1, colour: white. Ventilation panels: PVC coated polyester mesh: 270 gsm, FR B1, colour: white. Side window: PVC clear film, 0.48mm super clear, FR B1
Cabin for suspected patients & Examination rooms - 4 cabins	Bathtub style groundsheet: PVC 540 gsm, FR B1, colour: sand or brown Gables, side walls, doors and hanging points: PVC 450 gsm, FR B1 for, colour: white. Ventilation panels PVC coated polyester mesh, 270 gsm, FR B1, colour: white
Suspended roof panel	PE, 250 gsm, FR CPAI 84
Partition panels	PVC 540 gsm, FR B1 fabric panels, colour: white, Aluminum frame construction
Shade net	HDPE mesh, 190-195 gsm, FR treated, 80% shade ratio Polyester webbing
Canopy shade net	HDPE knitted mesh, 190 gsm, UV resistant, FR CPAI-84, Polyester webbing.

Cabin for **confirmed** patients



Main tent + Roof cover

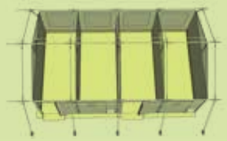
Cabin for **suspected** patients - 4 cabins



Main tent with individual cabin

Examination cabin

Designed for examining patients by a doctor while family members can watch safely from behind the window.



i *• All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• Marking and logo customized to your requirements.

Mobile storage units

Our Rex Hall mobile storage unit (MSU) is the king of our tent range. Rex Halls are reliable structures to accommodate affected populations, safeguard food storage and create a basic infrastructure to respond to disasters effectively. MSUs or movable warehouses are the answer when hard structures are unavailable or inadequate. We offer various sizes (6x5 x 8m, 10x24m, 10x32m, 10x36m) and a quick set-up can be ensured with six people only, without the need of lifting equipment. Our Rex Halls are highly wind resistant (up to 110 km/h) and suitable for hot, cold and harsh climates.

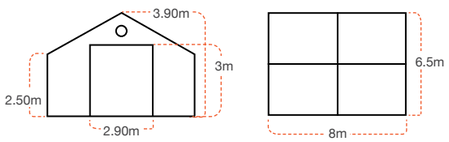
Fire Retardant | Waterproof | Rotproof | UV-stabilized | Logo customizable

Rex Hall 6.5 x 8m

WFP Standard

- Fast set up with three to four personnel without use of lifting equipment or working on heights
- Made of durable aluminum box profiles and hot-dipped galvanised hardware, with covers of durable fire retardant and UV resistant translucent PVC fabric and fully HF welded for long life
- Standard size 6.5 m width by 8 m with large entry doors (sections of or 4 m length can be added)
- Designed to withstand high wind up to 31 m/s (>110 km/h) and can be used in both hot and cold climates.

Graphic reference



Technical specifications

Dimensions	
Standard size	6.5 x 8 m
Total living area	52 m²
Main floor	52 m²
Center height	4.00 m
Width	6.50 m
Ridge length	8.00 m
Side wall height	2.50 m
Gable doors (width x height)	
Total size	2.90 x 3.00 m
Modular frame	
Aluminum box profile	2.70 - 3.50 m
	Hot dipped galvanized steel apex, base plates and other steel components

Materials

Outer tent	Roof, wall, gable covers: 700 gsm PVC coated polyester, white, UV protected

Tent parts

Ventilators	The gable ends are fitted with high placed large ventilators with mosquito netting
Doors	Both gable ends are fitted with roll up doors, 290 x 300 cm
Modularity	The length of the shelter can be endlessly extended with modules of 6.5 x 4 m.

i • *All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• *Marking and logo customized to your requirements.*

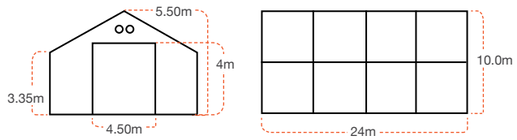
Fire Retardant | Waterproof | Rotproof | UV-stabilized | Logo customizable

Rex Hall 10.0 x 24m

Used by IFRC/ICRC/WFP/ UNICEF/UNHCR

- Standard size 10m width by 24m length (extra sections of 4m length can be added) with large entry doors
- Fast setup with 4-6 personnel without use of lifting equipment or working on heights
- Made of durable aluminum box profiles and hot-dipped galvanised hardware, with covers of durable fire retardant and UV-resistant translucent PVC fabric and fully HF welded for long life
- Designed to withstand high wind up to 31 m/s (>110 km/h) and can be used in both hot and cold climates.

Graphic reference



Technical specifications

Dimensions	
Standard size	10 x 24 m
Total useable area	240 m²
Main floor	240 m²
Center height	5.50 m
Width	10.00 m
Ridge length	24.0 m
Side wall height	3.20 m
Gable doors (width x height)	
Total size	4.37 x 4.00 m
Modular frame	
Aluminum box profile	4.0 - 5.5 m
	Hot dipped galvanized steel apex, base plates and other steel components

Materials

Outer tent	Roof, wall, gable covers: 700 gsm PVC coated polyester, white, UV protected

Tent parts

Ventilators	The gable ends are fitted with high placed large ventilators with removable mosquito netting and adjusting rain flap
Doors	Both gable ends are fitted with sliding doors, 450 x 400 cm
Modularity	The length of the shelter can be endlessly extended with modules of 10 x 4 m modules.

i • *All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• *Marking and logo customized to your requirements.*

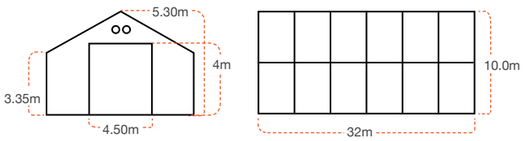
Fire Retardant | Waterproof | Rotproof | UV-stabilized | Logo customizable

Rex Hall 10.0 x 32m

Used by IFRC/ICRC/WFP

- Standard size 10m width by 32m length (sections of 4m length can be added) with large entry doors
- Fast setup with 4-6 personnel without use of lifting equipment or working on heights
- Made of durable aluminum box profiles and hot-dipped galvanised hardware, with covers of durable fire retardant and UV-resistant translucent PVC fabric and fully HF welded for long life
- Designed to withstand high wind up to 31 m/s (>110 km/h) and can be used in both hot and cold climates.

Graphic reference



Technical specifications

Dimensions	
Standard size	10 x 32 m
Total useable area	320 m²
Main floor	320 m²
Center height	5.50 m
Width	10.00 m
Ridge length	32.0 m
Side wall height	3.20 m
Gable doors (width x height)	
Total size	4.37 x 4.00 m
Modular frame	
Aluminum box profile	4.0 - 5.5 m
	Hot dipped galvanized steel apex, base plates and other steel components

Materials

Outer tent	Roof, wall, gable covers: 700 gsm PVC coated polyester, white, UV protected

Tent parts

Ventilators	The gable ends are fitted with high placed large ventilators with removable mosquito netting and adjusting rain flap
Doors	Both gable ends are fitted with sliding doors, 450 x 400 cm
Modularity	The length of the shelter can be endlessly extended with modules of 10 x 4 m modules.

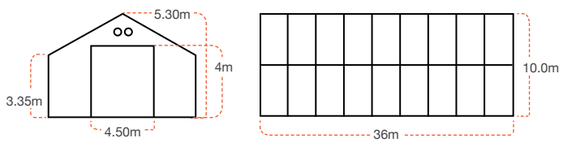
Fire Retardant | Waterproof | Rotproof | UV-stabilized | Logo customizable

Rex Hall 10.0 x 36m

Used by UNICEF/UNHCR

- Standard size 10m width by 36m length with large entry doors
- Fast setup with 4-6 personnel without use of lifting equipment or working on heights
- Made of durable aluminum box profiles and hot-dipped galvanised hardware, with covers of durable fire retardant and UV-resistant translucent PVC fabric and fully HF welded for long life
- Designed to withstand high wind up to 31 m/s (>110 km/h) and can be used in both hot and cold climates.

Graphic reference



Technical specifications

Dimensions	
Standard size	10 x 36 m
Total useable area	360 m²
Main floor	360 m²
Center height	5.50 m
Width	10.00 m
Ridge length	36.0 m
Side wall height	3.20 m
Gable doors (width x height)	
Total size	4.37 x 4.00 m
Modular frame	
Aluminum box profile	4.0 - 5.5 m
	Hot dipped galvanized steel apex, base plates and other steel components

Materials

Outer tent	Roof, wall, gable covers: 700 gsm PVC coated polyester, white, UV protected

Tent parts

Ventilators	The gable ends are fitted with high placed large ventilators with removable mosquito netting and adjusting rain flap
Doors	Both gable ends are fitted with sliding doors, 450 x 400 cm
Modularity	The length of the shelter can be endlessly extended with modules of 10 x 4 m modules.

i • *All our materials are UV-proof, waterproof, rotproof and fire retardant.*
• *Marking and logo customized to your requirements.*

Solar items

Committed to creating a better life for people living without reliable electricity, our aim is to bring light, connectivity and convenience to millions. We do this by tapping into a free, clean and renewable source of energy around us: the sun.

Phone not included

Phone not included

Solar Shelter Kit

- Durable and intuitive lamp is waterproof (IP68) and very bright (140 lumens for 8 hours on a single charge).
- Multipurpose lamp has various lighting options such as a torch, table light, ambiance light
- 2Wp PV smart solar panel and 5m charging cable
- Fit-for-purpose for use in humanitarian settings
- Highly appreciated product: 95% user satisfaction. Beneficiaries appreciate the Solar Shelter Kit for brightness, versatility and protection purposes
- Compatible with any shelter, with an easy-to-use universal panel fixation system
- Torch can be worn around the neck with lacer (rope), providing a hands-free option
- Lamp has easy fixation options: Suspend from ceiling with lacer or use build-in hook to mount on wall
- Multi USB charger suitable for most (smart) phones
- Reliable lighting source; torch lasts up to 13 hours and lamp up to 40 hours
- Offers 3 lighting settings: High, medium and low
- Has power-saving feature that ensures 4 extra hours of light
- Batteries can easily be replaced. Expected life span is 3 years or >800 cycles
- User-friendly 3 LED indicator shows both battery status and charging status.
- Colors and logos can be customized according to client/cultural preferences
- Compact size and weight ensures affordable transportation
- 2-year warranty.

Waterproof | 3 light settings | 2-year warranty | Colours - logos customizable

Technical specifications

Lighting mode		Full charge*	1 day charge (5 hrs STC)
Torch		70 lumen x 13 hrs	70 lumen x 13 hrs
Room light	Low level	15 lumen x 40 hrs	15 lumen x 40 hrs
	Medium level	70 lumen x 16 hrs	70 lumen x 16 hrs
	High level	140 lumen x 8 hrs	140 lumen x 8 hrs
Distress			Blinking
			*Phone charging will lower lighting run time

Quality

Durability	IP68: Dust tight and water immersion 1 meter
Quality standard	Lighting Global Quality Standards, CE, ROHS
Warranty	2 year against manufacturing defects or workmanship
Product colour	Customizable according to client requirements
Battery life span	3 years or >800 cycles
Color characterictics	CRI 79 / 5000k
Temperature range	-10°C to 50°C
Robustness	1 meter drop test passed

Charging

All-in-one charging	2W solar panel with ABS frame and 5 meter cable. Optional: AC USB cable
Smartphone charging	USB port and most popular phone adaptors (smartphone)
Battery	2200 mAh Lithium-Ion (NMC) 3.7 volts.

Enlight Essential

- 0.8 Wp integrated Polycrystalline solar panel (external panel connection option available)
- Designed for handheld operations, in ready-to-deploy environments
- Can be worn around the neck, or secured on wrist with included lanyard
- Easy fixation options: Suspend from ceiling, or hang from wall
- Phone charging capability through multi USB charging cable*
- Reliable lighting source, torch runs for 5 hours 30 lumens, and lamp runs for 4.8 to 5 hours at 70 lumens.
- Offers 3 lighting settings: Torch, high and low
- Has power-saving feature that ensures 3 extra hours of light
- 1,400 mAh LifePO4 battery that ensures long lasting cycles. Expected life span is 3 years or >1,500 cycles
- User-friendly LED indicator shows both battery status and charging status
- Colors and logos can be customized according to client/cultural preferences
- Compact size and weight ensures affordable transportation
- 2-year warranty.

Multi USB charging | 3 light settings | 2-year warranty | Colours - logos customizable

Technical specifications

Lighting mode		Full charge*	1 day charge (5 hrs STC)
Torch		30 lumen x 5 hrs	30 lumen x 5 hrs
Room light	Low level	10 lumen x 30 hrs	10 lumen x 30 hrs
	High level	70 lumen x 5 hrs	70 lumen x 5 hrs
Emergency mode	Activated at end of high room light runtime	10 lumens x 3 hrs	

*Phone charging will lower lighting run time
*Charging cable optional

Quality

Durability	IP54: Protected against dust and water splashes
Quality standard	Lighting Global Quality Standards
Warranty	2 year against manufacturing defects or workmanship
Product colour	Customizable according to client requirements
Battery life span	3 years or >1500 cycles
LED color temperature	82 CRI/5000K
Operating temperature	-10°C to 50°C
Robustness	1 meter drop test passed

Charging

Enlight essential charging	0.8 Wp integrated Polycrystalline solar panel
Smartphone charging	USB port that supplies 5V/500mA
Battery	3.2 V/1400 mAh LifePO4 18650 cell.

Waterproof | 3 light settings | 2-year warranty | Colours - logos customizable

Technical specifications

Lighting mode	Full charge*		Emergency mode	
2 x 30 cm tube light (HIGH)	1400 lumens	6 hrs	140	3 hrs
1 x 15 cm tube light	200 lumens		20	

*Phone charging will lower lighting run time

Quality

Product color	Customizable according to client requirement
battery life span	More than 3 years or 1500 cycles
Color characteristics	CRI 80/5000K

Charging

Solar charging	30/60/90 WP configurations
Smartphone charging	2 x USB ports with supplied USB cable
Battery	12.8V/6.6Ah/84Wh LifePO4.

Solar Lighting Kit

- Easy assembly and disassembly
- 30/60/90 Wp solar panel configurations
- Directly compatible with HuggyPRO series tents (24/48/72)
- Fit-for-purpose for use in humanitarian, home and tent settings
- Compatible with any shelter with an easy to use unit fixation system
- Indoor tube lights has separate dimmer controls
- Outdoor tube light with on/off control
- 2A USB charging outlet with current control
- Has power saving mode that ensures 3 hours of light at low mode
- Easily replaceable 12.8V/84Wh – Expected lifespan is > 3 years, or 1500 cycles (LiFePo4)
- User-friendly 5 LED indicators for battery life, and low power mode
- Single button to control pilot lamp and battery status
- Colors and logos can be customized as per customer requirements
- Built in pilot lamp for easy location in dark.

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