

*tent collection*

nineteen ninety eight 1998

TERRA



NOVA  
EQUIPMENT

TERRA



EQUIPMENT

Terra Nova tents are primarily designed to provide excellent protection in some of the world's most demanding and hostile conditions.

Expedition proven for over two decades, fully developed and classically designed and built to deliver outstanding performance.

As a group of experienced mountaineers, we have always continued to develop and improve our products to the highest standards. All these years have not forgotten about the quality of the Peak Performance fabric technology. Indeed, these years we also provide a variety of support and advice. For the product guarantee, contact us through our website or for advice from our technical experts to make it a success.

### ***The Watershed fabric Programme***

This programme was started by Terra Nova in 1992 to ensure that the UK's leading performance fabric manufacturer is permitted to use the best available technology to create the most available fabrics for the performance products we make.

Following on from the introduction of Watershed, we have now developed an Endurance version, Watershed 2 - see Watershed, a new generation of Groundsheet fabric. These make their debut in the new '98 range of tents.

### ***Endurance and Eightweight Tents***

To make it easier to match your specific needs with the most suitable tent in our collection, we have divided models into these two broad categories for 1998.

#### COMPREHENSIVE LIFETIME PRODUCT GUARANTEE

All our tents are guaranteed to the original owner for their lifetime. Should a tent fail due to poor workmanship or material defect, Terra Nova Equipment will repair it free of charge or replace it, at their discretion. This guarantee is an addition to current statutory protection.

#### EFFICIENT REPAIR SERVICE

As outdoor enthusiasts ourselves we understand the frustration caused by absent gear. Our factory based facility is available to provide advice and help, and to undertake guarantee and affordable repair work, which we endeavour to complete within fifteen working days of go-ahead.

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## lightweight range

The lightweight range is designed to meet the exacting standards of the minimalist backpacker, or anyone for whom high performance at the lowest weight is a priority. New for '98 is the Solar 2, an enlarged version of the acclaimed Solar, offering genuine two-person comfort in a tent light enough for one to carry. Each model in the Lightweight range incorporates Watershed and Waterbloc fabrics.

- Fully taped Watershed flysheet

- **NEW** Waterbloc groundsheet

- High tenacity ripstop nylon 6.6 inner

- Easton 7075-E9 Aluminium Alloy poles

## endurance range

- **NEW** fully taped Watershed 2 flysheet

- **NEW** Waterbloc groundsheet

- High tenacity ripstop nylon 6.6 inner

- Easton 7075-E9 Aluminium Alloy poles



## **Breathable Inner Tent Fabrics**

The inner tent is strong, light and highly breathable. This allows moisture vapour from the inside to pass easily through to the flysheet, providing a greater level of comfort. The fabric is also fluorocarbon treated to protect the inner when it's pitched in the rain.

## **Inner Pitching first**

Terra Nova have long believed that inner pitching first has significant advantages over other methods, because it:-

- Creates more usable space through steep, tensioned side walls
- Provides extra strength created by linking the tensioned inner, poles and flysheet
- Virtually eliminates fabric flapping
- Allows the inner to be used alone in warm, dry conditions
- Requires minimum guy points
- Enables the inner to be moved, once pitched, to optimise positioning
- Is quicker and easier to pitch, especially in poor conditions

## **3 season tents**

Suitable for upland use in good weather, these tents require a sheltered site in bad weather.

## **4 season backpacking tents**

These are suitable for year round use in most conditions. They have some snow-shedding and good wind-resistance qualities.

## **4 season mountain tents**

Intended for extended use in the severest weather conditions, these models withstand heavy snow loading and high winds.

## **High altitude**

Single wall tents intended for use at the most demanding levels of high altitude and for Alpine climbing.

## **Fully seam-sealed waterproof flysheets**

Because of the unique characteristics of the Watershed range of fabrics, all our flysheets are hot-air taped along the inside seams. This guarantees a totally waterproof flysheet.

## **Features**



Solar

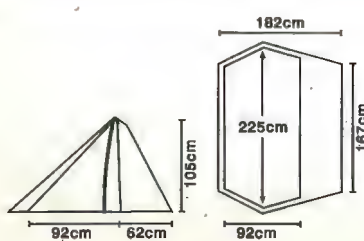
lightweight range

Inner Tent Colour : Gold

Outer Tent Colour : Green or Red



...tent is made of ripstop nylon with a  
waterproof coating. The inner tent is made  
of ripstop nylon with a mesh floor.  
The inner tent is made of ripstop nylon with  
a mesh floor. The inner tent is made of  
ripstop nylon with a mesh floor. The  
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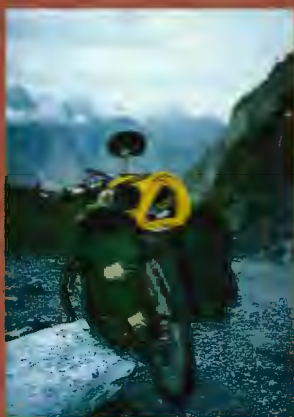


- OUTER TENT:** Watershed Ripstop Nylon (fully taped seams).
- INNER TENT:** Lightweight Breathable Ripstop Nylon.
- GROUND SHEET:** Waterbloc Nylon (fully taped seams).
- POLE:** 1 x Easton 7075-E9 aluminium alloy (8.5mm).
- PACKED SIZE:** 13cm x 44cm.
- WEIGHT:** 1.85kg.
- PERSONS:** 1-2
- SEASON RATING:** 3 Season.
- USER RANGE:** Minimalist backpacking, cycle touring, mountain marathons.



At rest, inbetween landslides along the Karakoram Highway, northern Pakistan. Photographer: Ben Stephenson.

didn't realise that the roll mat on my back-rack had a tent inside! Later on they revealed to our amazement that when they started cycle touring they carried a double duvet and two pillows in a hard plastic case strapped to the back of one of their bikes!



Ultra light in weight with a tiny packed size, the Solar has been specially designed to fit comfortably on top of a pannier.

Photographer: Ben Stephenson.

Between Islamabad in northern Pakistan and the oasis town of Kashgar in north west China, there is a road more than 1000km long known as the Karakoram Highway. It is a remarkable feat of engineering, which cost the lives of hundreds of road-workers as they forged a route over two mountain ranges, the Karakoram and the Pamir, under constant threat from land-slides, avalanches and blizzards. The Karakoram Highway is part of the ancient silk road between China and Europe and, as you wind through precipitous gorges guarded by towering peaks over 7500m high, it's awe-inspiring to remember the countless tradesmen who have trodden this path in search of their fortune. The scenery, colourful history and local hospitality are strong enough attractions for today's silk road travellers, some of whom, like Hannah and I, chose to go by bike.

It was while zig-zagging breathlessly up towards the Khunjerab Pass (4934m) that we came across two New Zealanders coming in the opposite direction. They were loaded down with gear, crammed into four panniers plus a handle-bar bag each, yet incredibly they were carrying neither tent nor stove. Eric and Ange scoffed when they examined our small, compact panniers and

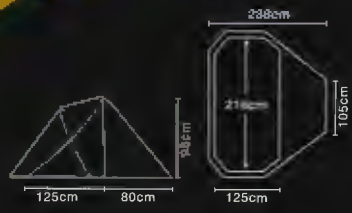
In stark contrast was the approach of a Yorkshireman called Chris, complete with flat cap, and obviously an advocate of the Shipton-Tilman lightweight philosophy. He carried a sleeping bag, a few books and "nowt else"! We cycled together for a few days and when it got cold he scrounged a polythene sheet to sleep beneath which I had to rescue from the Karakul Lake, when a freak gust of wind stripped him of his only shelter.

We were somewhere inbetween these two extremes. Our Solar tent allowed for a great deal of self sufficiency but didn't weigh us down excessively. This was appreciated on one occasion in China when a Tibetan dog the size of a small pony came tearing out of the undergrowth intent on having cyclists' calves for lunch. A burst of acceleration followed by a well-aimed rock to the head however, soon showed him that man is still the master in that relationship. As we dozed off that night, in an idyllic camp site nestled in a Pamir meadow, we thought we could hear the sound of panting and were glad of something more than a polythene sheet for protection!

BEN STEPHENSON



solar 2  
lightweight range





Photographer: Scott Muir

**NEW** for '98, the Solar 2 is a genuine ultra lightweight two person tent. The large floor area and twin pole construction create a huge amount of headroom and living space, while the stability of the pole configuration makes it ideal for high altitude trekking or sheltered winter use.

Inner Tent Colour : Gold  
Outer Tent Colour : Green or Red



- Outer Tent Material: Watershed Ripstop Nylon (fully taped seams).
- Inner Tent Material: Lightweight Breathable Ripstop Nylon.
- Floor Material: Waterbloc Nylon (fully taped seams).
- Pole Material: 2 x Easton 7075-E9 aluminium alloy (9.65mm).
- Pole Length: 14cm x 56cm.
- Weight: 2.4kg.
- Capacity: 2
- Use: 4 Season backpacking.
- Other Uses: Lightweight backpacking, cycle touring.

**ultra quasar**  
lightweight range



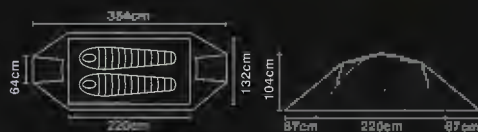
Inner Tent Colour : Gold  
Outer Tent Colour : Green or Red

the

the Quasar tent is made from  
Watershed Ripstop Nylon (fully taped seams).  
Breathable Ripstop Nylon.  
Waterbloc Nylon (fully taped seams).  
1 x Easton 7075-E9 aluminium alloy (9.65mm).  
18cm x 56cm.  
3.6kg.  
2.  
4 Season Mountain.  
Mountaineering, backpacking.  
Snow valance (see page 31).  
Quasar ETC flysheet and porch pole (see page 17).  
(Watershed 2 only).



Watershed Ripstop Nylon  
(fully taped seams).  
Breathable Ripstop Nylon.  
Waterbloc Nylon (fully taped seams).  
1 x Easton 7075-E9 aluminium alloy (9.65mm).  
18cm x 56cm.  
3.6kg.  
2.  
4 Season Mountain.  
Mountaineering, backpacking.  
Snow valance (see page 31).  
Quasar ETC flysheet and porch pole (see page 17).  
(Watershed 2 only).



# ultra hyperspace

lightweight range



Nam Tso Lake  
north of Lhasa, Tibet, Bedford  
School Expedition  
Photographer:  
Richard Bird

Inner Tent Colour : Gold  
Outer Tent Colour : Green or Red



- Watershed Ripstop Nylon (fully taped seams).
- Breathable Ripstop Nylon.
- Waterbloc Nylon (fully taped seams).
- 4 x Easton 7075-E9 aluminium alloy (9.65mm).
- 1 x Easton 7075-E9 aluminium alloy porch pole (8.5mm).
- 18cm x 74cm.
- 4.4kg.
- 3.
- 4 Season Mountain.
- Backpacking, mountaineering, base camps.
- Snow Valance (see page 31).



## The first British Ascent of Gimmigela

Gimmigela lies just below the North face of Kangchenjunga (8586m), the third highest mountain in the world.

We had been told that the snow on the North face of Gimmigela was so deep that it was impossible to climb. During the winter of 1985-86 it had been particularly deep and we had been told that it was impossible to climb. Although it was not a very high mountain, it was a very difficult one to climb. It was usually between 1000 and 2000 feet deep.

impact the downward motion ceased. However the avalanche did not! Instead it simply seemed to jet out across the glacier at incredible speed, carrying with it the snow that had recently been deposited on the glacier as well as the snow and ice chouldes from the mountain itself. The jet travelled across the glacier and reached the base of Gimmigela, 2,500 feet below us, in seconds. It was at that point that I realised it wasn't going to abate, and I watched the jet shoot up the mountain towards us. It was impossible to avoid the crest of the avalanche, but it took me only a few seconds to reach the base of Gimmigela. I only had time to try and avoid the crest before it hit us on the side. I was holding the tent. Dave Sheridan, who had just come out of the tent to see what was happening, fell back into the tent lying in the snow. I was physically exhausted and the force of the avalanche hit me. I put my arm round my head. I was hit by the avalanche and I was pounded by the snow. We were in the tent, however, and I was left in the tent. I was protected and I was not beaten by the weather over 2 hours. I was blown off the ledge. (with the tent kit)

I have rarely been as scared as I was when I am sure that the others left the tent. Another avalanche went off and it was coming our way again. Dave and I were hit by the blast of air and it was impossible to breathe, to move. I think — I have been involved in many before, but never experienced anything as powerful as the one that we experienced.

We went on to successfully ascend Gimmigela becoming the first British to do so. This expedition to do so.

Paul Hart



Camp 1 after the avalanche. Photographer: Paul Hart

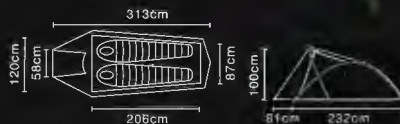
**VOYAGER**  
endurance range

Exploring unclimbed peaks  
from the Bagini Glacier,  
Garwhal, India. Summits in  
the background are Saf Minal  
(6911m), Kalanka (6931m)  
and Changabang (6900m)

Photographer:  
Julie-Ann Clyma

Inner Tent Colour : Gold  
Outer Tent Colour : Green or Red

Watershed 2 Nylon (fully taped seams).  
Breathable Ripstop Nylon.  
Waterbloc Nylon (fully taped seams).  
3 x Easton 7075-E9 aluminium alloy (8.5mm).  
14cm x 56cm.  
2.8kg.  
2.  
4 Season Backpacking.  
Lightweight backpacking.



# TRISAR CONVERTIBLE

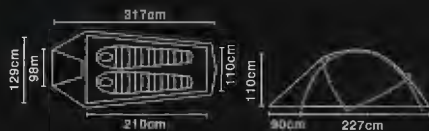
## endurance range

The Trisar Convertible is a lightweight, durable tent designed for endurance backpacking. It features a waterproof 2 Nylon outer shell with fully taped seams and a breathable ripstop nylon inner tent. The tent is supported by 4 x Easton 7075-E9 aluminium alloy poles (8.5mm diameter) and is available in two outer tent colors: Green or Red. The inner tent is Gold. The tent is suitable for 4 Season Backpacking and can be used as a 3 pole backpacking tent or a 4 pole mountain backpacking tent.



Inner Tent Colour : Gold  
Outer Tent Colour : Green or Red

- Watershed 2 Nylon (fully taped seams).
- Breathable Ripstop Nylon.
- Waterbloc Nylon (fully taped seams).
- 4 x Easton 7075-E9 aluminium alloy (8.5mm).
- 16cm x 56cm.
- 3.3kg (4 poles); 3.1kg (3 poles).
- 2.
- 4 Season Backpacking.
- 3 pole - backpacking. 4 pole - mountain backpacking.



Trisar Convertible

endurance range



Inner Tent Colour : Gold  
Outer Tent Colour : Green or Red





Gasherbrum One (8068m).  
Base Camp: Karakoram  
Photographer: David Hamilton/High Adventure.

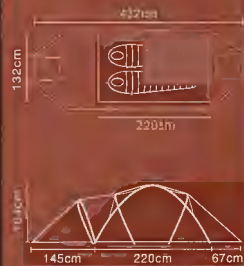


- Watershed 2 Nylon (fully taped seams).
- Breathable Ripstop Nylon.
- Waterbloc Nylon (fully taped seams)
- 4 x Easton 7075-E9 aluminium alloy (9.65mm).
- 18cm x 56cm.
- 4 1kg.
- 2.
- 4 Season Mountain.
- Mountaineering expeditions
- Snow valance (see page 31).
- Quasar ETC flysheet and Porch pole.

The Quasar is the definitive 2 person mountain tent regarded as "best in class" worldwide. Its exceptionally strong geodesic design has withstood the test of Himalayan storms and Arctic gales for over two decades. The use of Watershed 2 and Waterbloc fabrics enhances this model's exceptional qualities, ensuring that it maintains its place at the forefront of mountain-tent technology

#### Quasar ETC

This extended tent canopy (ETC) is available as an option for those who already own a Quasar or Ultra-Quasar. The extra porch space is ideal for extended use. Please consult your local retailer for further details.



**SUPER QUASAR**  
endurance range

The Super Quasar incorporates over 2 decades of experience in high performance tent making and is arguably the finest 2-3 person expedition tent available. Its unique pole geometry creates great internal volume whilst retaining an excellent wind shedding shape.

Inner Tent Colour : Gold  
Outer Tent Colour : Green or Red

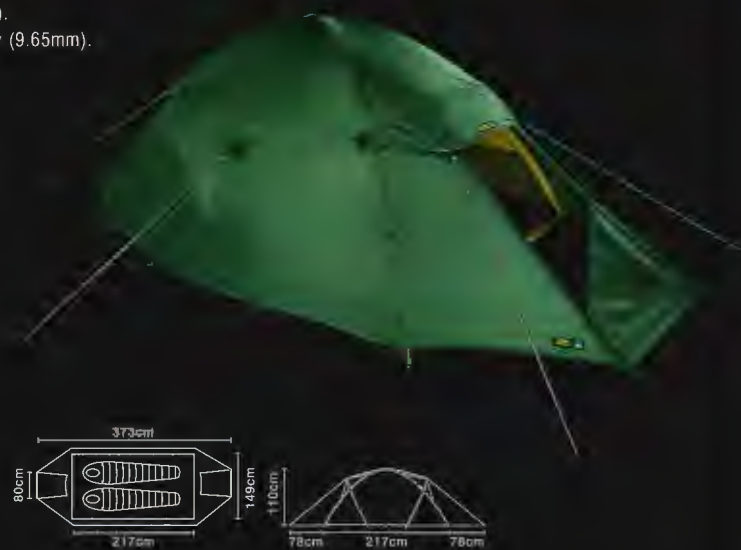


Super Quasar used on the successful ascent of the north face of Kangchenjunga 1997

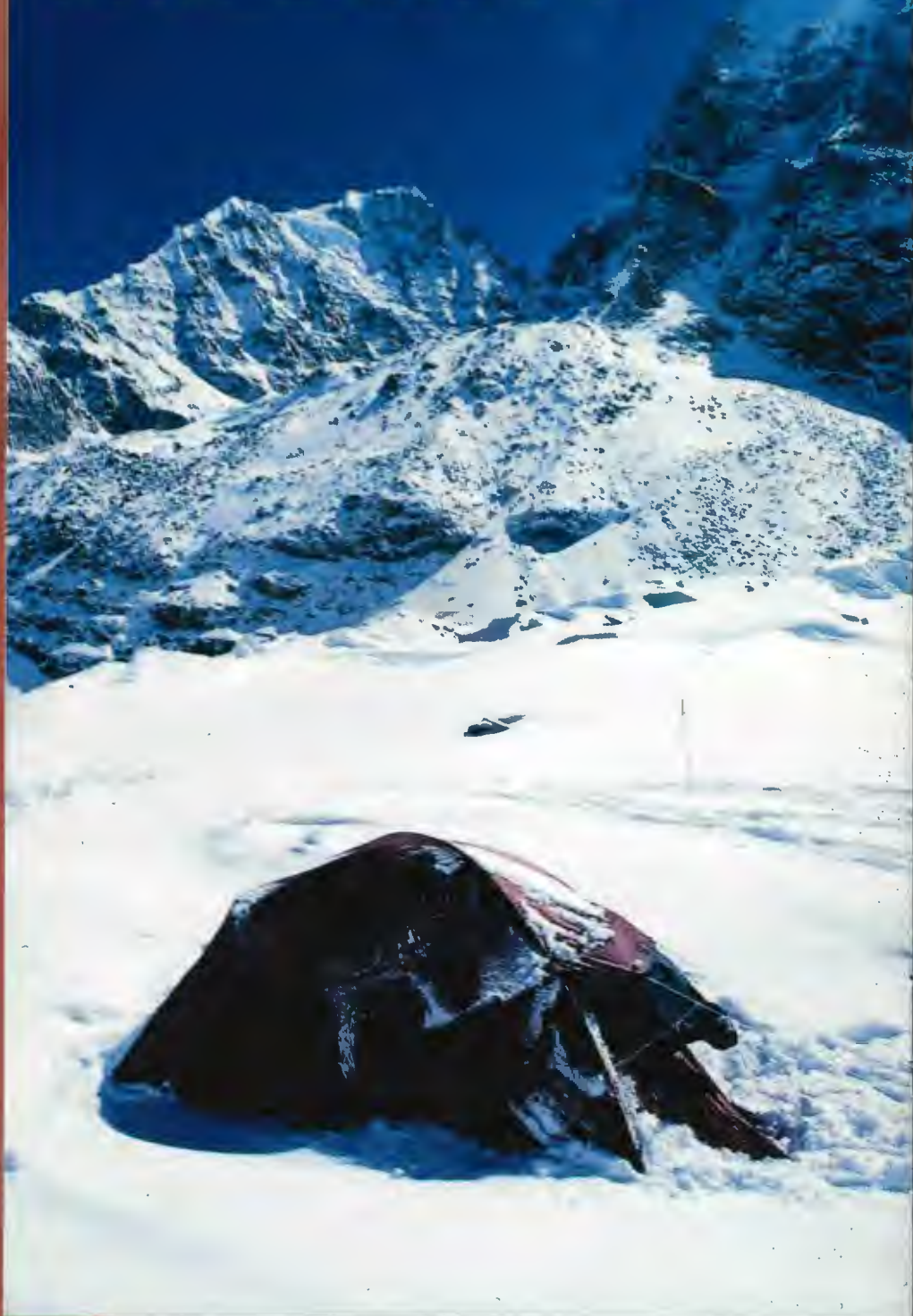
Photographer: Jonathan Pratt

WATERPROOF FABRIC  
 BREATHABLE FABRIC  
 POLES  
 WEIGHT  
 SEASONS  
 USES

Watershed 2 Nylon (fully taped seams).  
 Breathable Ripstop Nylon.  
 Waterbloc Nylon (fully taped seams).  
 4 x Easton 7075-E9 aluminium alloy (9.65mm).  
 20cm x 60cm.  
 4.4kg.  
 2-3.  
 4 Season Mountain.  
 Mountaineering, expeditions.  
 Snow valance.



*'It was one of the worst nights I'd ever had in the mountains,  
but on this expedition worse was to follow...'*



10000m. The weather was so bad that we had to leave the tent at 10000m and set up a bivouac in a cave. The weather was so bad that we had to leave the tent at 10000m and set up a bivouac in a cave.

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Photographer: Jonathian Pratt

### WATERSHED 2 - Endurance Testing

We used the Kangchenjunga trip to test some of the features of Watershed 2. After 55 days of continuous use above 5500m and subjected to ferocious weather, the flysheet remained unscathed. UV levels were high but the fabric showed only slight discolouration. The tent itself, a Voyager, suffered no damage whatsoever.

The weather was so bad that we had to leave the tent at 10000m and set up a bivouac in a cave. The weather was so bad that we had to leave the tent at 10000m and set up a bivouac in a cave.

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# NIJUNSHU

endurance range

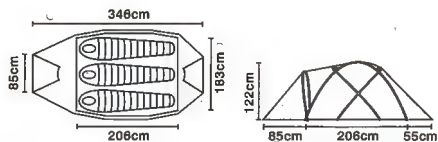


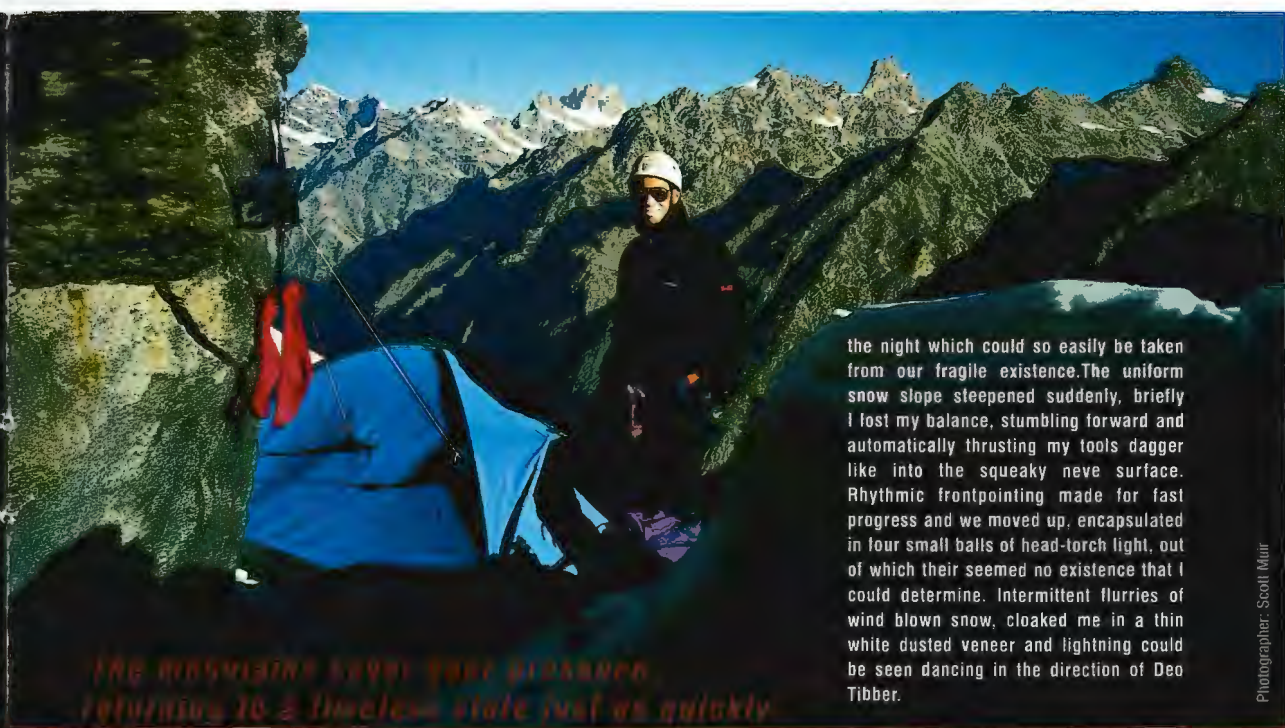
Inner Tent Colour | Gold  
Outer Tent Colour | Green or Red

...with  
...sleeve



- OUTER TENT:** Watershed 2 Nylon (fully taped seams).
- INNER TENT:** Breathable Ripstop Nylon.
- GROUND SHEET:** Waterbloc Nylon (fully taped seams).
- POLES:** 4 x Easton 7075-E9 aluminium alloy (9.65mm).  
1 x Easton 7075-E9 aluminium alloy (8.5mm).
- PACKED SIZE:** 18cm x 74cm.
- WEIGHT:** 5.0kg.
- PERSONS:** 3.
- SEASON RATING:** 4 Season Mountain.
- USER RANGE:** Mountaineering, base camp, family, expeditions.
- OPTIONS:** Snow valance (see page 31).





Photographer: Scott Muir

*'The mountains have that bizarre  
ability to a timeless state just as quickly  
as the marks are made.....'*

**W**e could hear it coming. That was the most terrifying part. The cracked open sky screamed in anger, unleashing an unsurpassed wrath. Swearing was futile at our unseen oppressor. No one could hear us, no one could see us, no one could help us. We knew full well what was happening and the cold realisation of our insignificance as we waited patiently for impact. We hoped the end would be quick. Gordon donned his helmet as a gesture of submission as the black void of night enshrouded and blinded our senses. The overwhelming force of nature crushed us like a human savagely standing on an ant. I accepted that this was it, a brutally violent end, never before contemplated as anything but mountaineering fairy tales.

I gagged in my foetal position wishing I was a fraction of my size as the impact ripped my heart from my mouth. The fear was excessive, I couldn't shed any tears, this was more like Russian Roulette than mountaineering. The following holocaustal rush of sulphur filled air hit us like a truck, increasing my sensitivity to the environment. Fragments of snow shrapnel rained on the tent and I could slowly feel myself lose touch with reality, existing only in a different dimension.

The silence was deafening. We huddled in anticipation. 1200m up the north east Face we could hear the ice boom, which in turn dictated the beat of our hearts. Then the scream. A shrieking scream, a scream that

progressively increased as terminal velocity snatched control and directed our predator with laser point accuracy to the deck. The blood curdling crunch sent out earthquake like tremors.

I sat bolt upright, sweating in the freezing air. The head-torch beam lit up a thousand myriad ice crystals as they danced in the midnight sky. My level of arousal totally in tune with the environment. The crunching had been David's footsteps on the neve as he stood on the bivi ledge preparing a departing brew. It was summit day. I was haunted by the intense experience that plagued intermittent sleep. The horror of 6 days previous played heavily on my mind and the anxiety of a 12 midnight departure saw me filling plastic boots with weary and leaden feet. My mind switched off as I packed in automatic.

The objective dangers and weather on the north east Face had meant that we had to abort the attempt and re-focus on the elegant north Ridge where I now found myself waking from nightmare repercussions of our previous attempt. Streaking across the sky, a shooting star heralded a perfect night as it lit up the mountains momentarily like a fair. There was no distress this time, only the opportunity to wonder at the visual extravaganza. I contemplated where our personal struggles fitted in with such a powerful and vast natural environment. I smiled to myself. Privileged to experience

the night which could so easily be taken from our fragile existence. The uniform snow slope steepened suddenly, briefly I lost my balance, stumbling forward and automatically thrusting my tools dagger like into the squeaky neve surface. Rhythmic frontpointing made for fast progress and we moved up, encapsulated in four small balls of head-torch light, out of which their seemed no existence that I could determine. Intermittent flurries of wind blown snow, cloaked me in a thin white dusted veneer and lightning could be seen dancing in the direction of Deo Tibber.

Hugging the cornice as closely as we dared, I looked at the trench that we had already ploughed along its edge. I shivered at its worrying depth and proximity to the edge. On our right was an indeterminately steep slope which disappeared, a treacherous layer of windslab covered it with an aerated layer that settled alarmingly all around with a thump. On our left Air, and the 1200m north east Face. Our situation no longer felt intimidating as we arrived on the fore summit, it was just desperately cold. The rope flew in the air horizontally, willing us to the edge. Digging a snow pit we waited for dawn. In the east the sky boiled a furiously beautiful red and orange which reflected in the swirling cloud seas below. Our final ingredient was the sun as it cast a definable shadow of the peak into the black night sky in the west.

The last few steps to the top seemed disrespectful as we marked its pristine surface, just as Armstrong had on the moon for the first time. Unlike the moon however, the mountains cover your presence, returning to a timeless state just as quickly as the marks are made, denying the importance and existence of those who have had the privilege to walk the tops. The changing beauty of the natural environment never ceases to amaze and gives us a deep realisation of how sweet life can be and an overwhelming satisfaction which keeps us doing what we do best. Surviving.

*First Ascent of the THRONE 5840m, Himachal Pradesh, Himalaya, 10-12th Sept 1997 S Muir, G Lennox, K Kelly, D Proudfoot, North Ridge © Scottish Mountaineering Club 1997*

Iceberg 11000

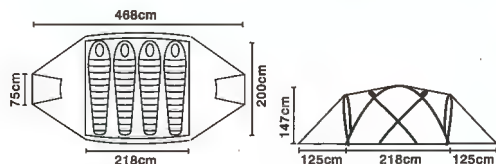
endurance range



Inner Tent Colour : Gold  
Outer Tent Colour : Green or Red



- OUTER TENT:** Watershed 2 Nylon (fully taped seams).  
**INNER TENT:** Breathable Ripstop Nylon.  
**GROUND SHEET:** Waterbloc Nylon (fully taped seams).  
**POLES:** 4 x Easton 7075-E9 aluminium alloy (11mm).  
2 x Easton 7075-E9 aluminium alloy (9.65mm).  
**PACKED SIZE:** 22cm x 74cm.  
**WEIGHT:** 7.3kg.  
**PERSONS:** 4.  
**SEASON RATING:** 4 Season Mountain.  
**USER RANGE:** Mountaineering, base camp tent, family, expedition.  
**OPTIONS:** Snow valance. (see page 31).



## SEALIN

### high altitude

The SEALIN is a specialist high altitude mountain tent. It has a full three layer construction.

It has a wide, open entrance to prevent wind blowing into the tent and a built-in fly for extra protection.

Even Gore-Tex isn't perfect and at high altitude, they must be well ventilated to avoid condensation.

Colour : Blue

Inner Tent  
3 layer Nexus Gore-Tex (fully taped seams)  
Waterbloc Nylon (fully taped seams)  
3 x Easton 7075-E9 aluminium alloy (9.65mm)  
16cm x 56cm  
2.9kg  
2  
High Altitude  
Mountain and polar expeditions.

3 layer Nexus Gore-Tex (fully taped seams).

Waterbloc Nylon (fully taped seams).

3 x Easton 7075-E9 aluminium alloy (9.65mm).

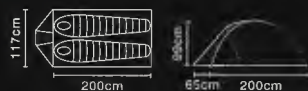
16cm x 56cm.

2.9kg.

2.

High Altitude.

Mountain and polar expeditions.



Photographer: Scott Muir.

## bothy bags

Bothy Bags are small, lightweight shelters that provide immediate protection from the elements. They are made from proofed Ripstop nylon and include a durable, waterproof seal. Simply take the Bothy Bag out of its integral stuff sack, pull it over the head, position the seat under your bottom and sit down. Once inside, lean back causing the fabric to become taut. The material will act as a support, the stuff sack becomes an air vent and you instantly have a dry, windproof shelter. Bothy Bags are available in two or four person options. They are extremely lightweight (300g and 400 g) and have a pack size small enough to allow them to be stuffed into a rucksack pocket.

Photographer: Scott Muir.



2 man Bothy Bag in use

- Creates a warm internal micro climate
- Durable waterproof seats
- Ideal for lunch stops
- Manufactured in 100% waterproof Ripstop nylon
- As used by outdoor centres and mountain guides worldwide
- Two and three/four person models available

Small Bothy Bag	20 x 12.5cm	300gms.
Large Bothy Bag	22 x 12.5cm	400gms



## ***Titan***

An alpine/expedition bag for climbers and mountaineers where complete protection is of paramount importance. It features an 'L' zip to aid access and provide entry points for ropes and slings, large gauge zips for strength and reliability and the oversized hood provides room to manoeuvre inside. All the zips are protected by storm flaps with velcro closures to keep out spindrift and to enable ventilation in the worst conditions. Fully taped seams.

## ***Discovery***

Ideal for the occasional user or for emergency use. Features include a full horizontal zip with rain flap, half moon foot and generous hood for storage. Fully taped seams with a waterproof abrasion resistant base.

## ***Apollo***

A brilliant all round bag which can be used anywhere. A highly breathable design, it is suitable for extended use. Features as the Discovery but with a zipped mossie net.

## ***Jupiter***

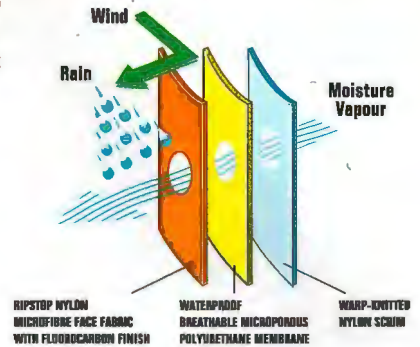
Designed for minimalist campers and backpackers. The single Easton aluminium 7075-E9 pre-curved pole at the head of the bag creates a much less claustrophobic atmosphere than other Bivis, as the fabric is suspended away from your face. Features include a 'Crocodile' entry, with integral storm flap and an internal mesh door to keep out bugs. Pegging out the forward roof section offers protection from the rain while ensuring maximum ventilation. If the Bivi is left unattended, it can be pegged out using the five small loops provided. Fully taped seams.

## ***Bivi bags***

As part of the continuing Fabric Development Programme, Terra Nova has developed a new lightweight 3 layer laminated fabric for our 1998 range of Bivi bags.

The fabric comprises: a Ripstop nylon microfibre face fabric with a durable fluorocarbon water-repellent finish; a waterproof, breathable, microporous polyurethane membrane; a backing scrim of warp-knitted nylon.

This construction combines excellent waterproofness and breathability with low weight and good durability.



**TITAN**



**DISCOVERY**



**APOLLO**



**JUPITER**

<b>TITAN:</b>	225 x 88cm	750gms	Black
<b>DISCOVERY:</b>	225 x 88cm	700gms	Red upper, black base
<b>APOLLO:</b>	225 x 88cm	650gms	Black
<b>JUPITER:</b>	230 x 70 x 45cm	850gms	Red upper, black base



GROUND SHEET PROTECTORS



THE LOFT

### **groundsheet protectors**

When weight considerations permit, (or harsh conditions demand), we recommend the use of Groundsheet protectors. Tailor-made for each tent in the range they provide extra protection from sharp ground and help to increase the life of the tent's groundsheet.

- Solar - 0.3kg
- Solar 2 - 0.4kg
- Voyager - 0.35kg
- Trisar Convertible - 0.4kg
- Ultra Quasar, Quasar - 0.4kg
- Super Quasar - 0.5kg
- Ultra Hyperspace, Hyperspace - 0.65kg
- Terra Firma - 0.75kg

### **the loft**

More suitable for the larger tents in our range, The Loft is an ideal way of increasing storage space. Designed to clip to the binding near the apex of the inner tent, it is quick and easy to fit and offers 2 storage pockets and a torch loop. (One size)

### **emergency repair kit**

The ERK contains; patches of flysheet and groundsheet fabric, a tube of rubber solution glue to provide a waterproof seal, a pole repair tube and two guy lines and sliders.

### **tent cleaner 300ml**

For use on all our flysheets and inners, Terra Nova Cleaner will clean the fabric without impairing breathability or waterproofness.

### **sand or snow stakes (s.o.s.)**

These pegs are a cross between a peg and a deadman. They are designed for use on snow or sand where the increased depth and width provides a more stable anchor point than a standard peg. There are 10 in a pack

### **zip lube 70ml**

Zip Lube is a silicone-based spray for lubricating tent zips and protecting Easton poles.

### **spare pegs**

This pack contains 6 of our strong, lightweight custom made 7001-T6 Aluminium Alloy Pegs.



EMERGENCY REPAIR KIT



TENT CLEANER



S.O.S STAKES



ZIP LUBE



SPARE PEGS

## **Terra Nova Customer Services and Product Care Programme**

**Our dedication to designing and producing the best performance tents extends to their performance and care in use.**

*"the purchase and ownership of a Terra Nova tent is a long term investment, the return for which is measured by the use and reliable performance enjoyed over a long period of time".*

**All Terra Nova tents and bivouac equipment are made in our factory on the edge of the Peak National Park in Derbyshire, England, from where we also provide the following:**

### **Experienced Advice**

All our Customer Services staff have considerable experience of Terra Nova products in use. If you require help in choosing the most suitable product for your specific needs or would like any further information, please call us on 01773 833300 or fax 01773 831088.

### **Comprehensive Lifetime Tent Guarantee**

Terra Nova Equipment guarantees all its tents to the original owner for their lifetime against defects in workmanship and materials. If a tent fails due to a defect in workmanship or materials, even after extended use, Terra Nova Equipment will repair the tent without charge or replace it, at their discretion. This guarantee is in addition to your statutory rights which remain unaffected.

*We endeavour to complete the process promptly and return the tent post paid, within 15 working days of receipt.*

### **Product Repairs**

Our products are used in some of the harshest places and severest weather conditions on earth. It is not surprising that occasionally repairs and refurbishments are required. Our factory based service is efficient and affordable and because we know the frustration of absent gear, we try and complete the work within 15 working days from go-ahead.

*We quote and agree the price with the customer prior to undertaking the work. Credit Card payments are accepted to speed the process.*

### **Replacement Parts**

Terra Nova maintains a comprehensive stock of all parts for both current and some discontinued products. Retailers maintain limited stock of some items. In case of difficulty locating items contact us direct.

### **Terra Nova Stockists**

Terra Nova tents and bivouac equipment are available from specialist outdoor retailers throughout the world. If you have difficulty locating any of our products, call us for details of your nearest stockist

## **Worldwide Agents & Distributors**

<b>AUSTRIA</b>	Outdoor - Sport Koch Ges.m.b.H Bernhard-Höfel-Straße 14 A-6020 Innsbruck Tel: +43 512 34 78 57
<b>DENMARK</b>	Ski and Toj, Rosengarden 1 DK - 1174 Kobenhavn K Tel: +45 33 11 22 73
<b>FINLAND</b>	Mountain Shop Finland Ltd Annankatu 15 00120 Helsinki Tel: +358 0680 2996
<b>FRANCE</b>	Adret et Ubac Magnoloux 42660 St Genest Malifaux Tel: +33 4 77 51 21 16
<b>GERMANY</b>	Mountaintools Schuppenhörle 19 79868 Feldberg Tel: +49 7655 457
<b>HONG KONG</b>	Hong Kong Mountaineering 12/F On Yip Building 395-7 Shanghai Street Mongkok, Kowloon Tel: +852 2384 8190
<b>KOREA</b>	International Camp C.P.O. Box 2697 Seoul Tel: +82 2928 9278
<b>NETHERLANDS</b>	Laya Trading Vekenweg 11 1657 EC Abbekerk Tel: +31 229 581 786
<b>NORWAY</b>	Skandinavisk Bogstadveien 1 N-0355 Oslo Tel: +47 22 46 90 75
<b>SWEDEN</b>	High Sport Svenska AB Torggatan 3.5 S - 411 05 Goteborg Tel: +46 31 711 8321
<b>TAIWAN</b>	Ice and Rock, B1, No.5, Lane 154 Hsing - 1 Road Peitou Taipei 112 Tel: +886 2872 9088
<b>USA &amp; CANADA</b>	Climb High, 60 Northside Drive Shelburne Vermont 05482 Tel: +1 802 985 5056

For information on retail outlets in other countries, please call us.

<b>TENT SPECIFICATIONS</b>						
<b>LIGHTWEIGHT</b>	<b>Model</b>	<b>Usage</b>	<b>Sleeps</b>	<b>Kg</b>	<b>Packed size (cm)</b>	<b>Interior (cm) L x W x H</b>
	Solar	<i>3 SEASON</i> Backpacking, Cycle Touring, Mountain Marathons	1-2	1.85	13 x 44	225 x 92 x 105
	Solar 2	<i>4 SEASON BACKPACKING</i> Lightweight backpacking, Cycle Touring	2	2.4	14 x 56	216 x 125 x 98
	Ultra Quasar	<i>4 SEASON MOUNTAIN</i> Mountain backpacking	2	3.6	18 x 56	220 x 132 x 104
	Ultra Hyperspace	<i>4 SEASON MOUNTAIN</i> Mountain backpacking, Base Camp	3	4.4	18 x 74	206 x 183 x 122
<b>ENDURANCE</b>	Voyager	<i>4 SEASON BACKPACKING</i> Lightweight backpacking, Cycle Touring	2	2.8	14 x 56	206 x 120 x 100 Tapers to 87
	Trisar Convertible	<i>4 SEASON BACKPACKING</i> 3 pole Lightweight backpacking, 4 pole Mountain backpacking	2	3.1 3.3	16 x 56	210 x 129 x 110 Tapers to 110
	Quasar	<i>4 SEASON MOUNTAIN</i> Mountain backpacking, Mountaineering expeditions	2	4.1	18 x 56	220 x 132 x 104
	Super Quasar	<i>4 SEASON MOUNTAIN</i> Mountaineering, expeditions	2-3	4.4	20 x 60	217 x 149 x 110
	Hyperspace	<i>4 SEASON MOUNTAIN</i> Mountaineering, Base Camp, Group expeditions	3	5.0	18 x 74	206 x 183 x 122
	Terra Firma	<i>4 SEASON MOUNTAIN</i> Mountaineering, Base Camp, Group expeditions	4	7.3	22 x 74	218 x 200 x 147
<b>HIGH ALTITUDE</b>	Gemini	<i>HIGH ALTITUDE</i>	2	2.9	16 x 56	200 x 117 x 99

Porch (cm) L x W	Poles	Pegs	Guy Points	Materials
204 x 62 Tapers to 167	1	15	5	Watershed Flysheet Lightweight Ripstop Nylon Inner Waterbloc Coated Nylon Groundsheet
205 x 80 Tapers to 105	2	15	5	Watershed Flysheet Lightweight Ripstop Nylon Inner Waterbloc Coated Nylon Groundsheet
67 x 154 Tapers to 64	4	18	6	Watershed Flysheet Ripstop Nylon Inner Waterbloc Coated Nylon Groundsheet
55 x 172 and 85 x 172 Tapers to 85	4 + 1	18	6	Watershed Flysheet Ripstop Nylon Inner Waterbloc Coated Nylon Groundsheet
81 x 125 Tapers to 58	3	11	2	Watershed 2 Flysheet Ripstop Nylon Inner Waterbloc Coated Nylon Groundsheet
90 x 135 Tapers to 98	3 + 1	14	5	Watershed 2 Flysheet Ripstop Nylon Inner Waterbloc Coated Nylon Groundsheet
67 x 154 Tapers to 64	4	18	6	Watershed 2 Flysheet Ripstop Nylon Inner Waterbloc Coated Nylon Groundsheet
78 x 142 Tapers to 80	4	18	6	Watershed 2 Flysheet Ripstop Nylon Inner Waterbloc Coated Nylon Groundsheet
55 x 172 and 85 x 172 Tapers to 85	4 + 1	18	6	Watershed 2 Flysheet Ripstop Nylon Inner Waterbloc Coated Nylon Groundsheet
125 x 215 Tapers to 75	4 + 2	22	10	Watershed 2 Flysheet Ripstop Nylon Inner Waterbloc Coated Nylon Groundsheet
65 x 117 Tapers to 50	3	10	5	Gore-Tex Shell Waterbloc Coated Nylon Groundsheet

### Poles:

All our poles are shockcorded and precision engineered from Easton 7075 - E9 Aluminium Alloy.

### Pegs:

All our pegs are made from 7001-T6 Aluminium Alloy.

### Inclusions:

Tents are supplied complete with Tent Bag, Pole Bag, Peg Bag, Tent Instructions, Lifetime Guarantee, Spare Fabric Patches and Pole Repair Tube.

### Factory fitted Snow Valances

When long periods of exposure to extreme winter conditions are expected, consider adding a snow valance to your tent. These can be fitted to certain models at our factory.

In such conditions, "double poling" will add extra strength. Where possible try to pitch the tent where some natural shelter is offered, or build a snow wall for protection.

The Quasar is also available as the Quasar ETC with an extended Flysheet and Porch Pole.

### Functional Weight

Figures quoted are based on the total weight of the items usually carried for use - flysheet and inner tent, poles, guylines, pegs and stuff sacs.

We believe this to be the best standard for comparison of alternative weights. Evaluate weight factors in relation to the use and performance you require - remember, muscle weighs more than fat!

This catalogue refers to the following registered trademarks:

Gore-Tex - W.L. Gore and Associates.  
Easton - Easton Aluminium Inc.  
Watershed, Watershed 2 and Waterbloc the Terra Nova Equipment Logo style - Terra Nova Equipment Limited.

We reserve the right to alter colours or specifications without notice. All information in this catalogue was correct at time of going to press.



Photographer: Rob Collister

TERRA



NOVA  
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