

## SLEEPING BAG REQUIREMENTS: EN 13537

All The North Face sleeping bags have been tested according to European Standard EN 13537 since the standard came into effect in January 2005.

This test relies on testing using a heated mannequin under controlled conditions to simulate an actual human sleeping in the bag.

The manikin is always wearing the same clothing (jacket, trousers, long socks and a face mask if the bag has a hood) and is placed on top of a sleeping mat.

The test produces three temperature results for each bag:

### T (EXTREME)

- Lower extreme temperature where there is a risk of health damage by hypothermia (related to a “standard woman” with a body mass of 60 kg being completely packed into the sleeping bag with a rolled up body posture).

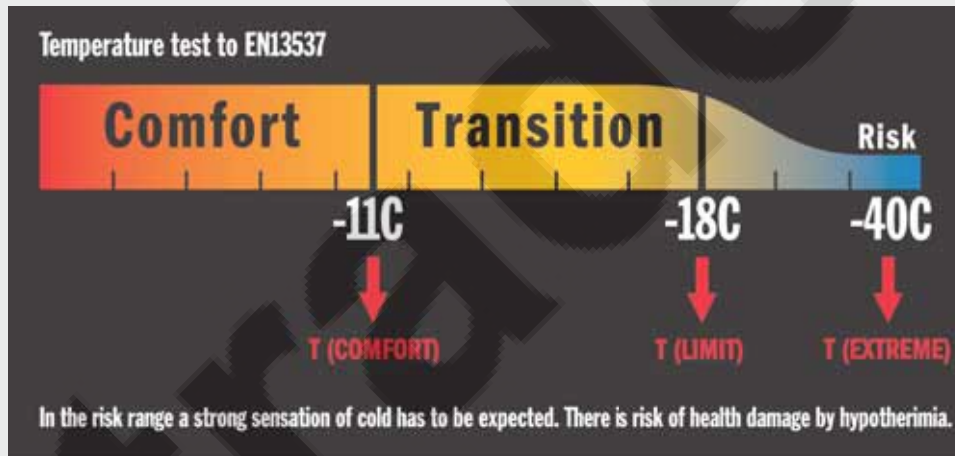
### T (LIMIT)

- Lower limit of transition range down to which a sleeping person (related to a “standard man” with a body mass of 70 kg being completely packed into the sleeping bag with a rolled up body posture) is just not feeling cold.

### T (COMFORT)

- Lower limit of the comfort range down to which a sleeping person (related to a “standard woman” with a body mass of 60 kg being completely packed into the sleeping bag and lying relaxed on the back) is just not feeling cold.

All hangtags and sleeping bag labels will have the following label indicating the temperature level ratings:



A simple way to interpret the temperature ratings is that the test produces temperatures ranging from T(limit), typically a man in a rolled up position who feels the cold less to T(comfort), typically a woman lying relaxed and who feels the cold more. In addition an individual needs to consider their personal tolerance to the cold when selecting a bag and also other factors which the test does not take into effect such as the likelihood of fatigue, hunger, exposure to wind, thickness of sleeping mat (if used) as well as the level of clothing one decides to wear.

In the above diagram, we recommend the bag is suitable for a temperature between -11°C to -18°C wearing the clothing stated in the test environment as explained above. External factors however, can alter the warmth of the bag therefore the user will need to use some degree of judgement when selecting the appropriate bag for its intended use. One should use extreme caution and must ensure they are properly equipped and dressed to survive at temperatures above the T(limit) and must not approach the T(extreme) rating as a strong sensation of cold is expected and there is a risk to one’s health.

The US temperature ratings used by The North Face prior are also indicated in this workbook to facilitate our customers in adapting to the new temperature ratings.

## DOWN BAG COMPARISON CHART

	SLEEPING BAG	TEMP RATING	FILL	SHAPE	SIZE / ZIPPER	TOTAL WEIGHT	STUFF SIZES
EXPEDITION	Inferno	-15°C/-24°C/-46°C	800+ Down	Mummy	Lng RH	Lng 2280 g	30 cm x 63 cm
	Solar Flare	-10°C/-18°C/-39°C	800+ Down	Mummy	Lng RH	Lng 1915 g	28 cm x 53 cm
MOUNTAIN	Superlight	-9°C/-16°C/-37°C	600+ Down	Mummy	Reg RH, Reg LH Lng RH, Lng LH	Reg 1517 g Lng 1605 g	24 cm x 46 cm
	Blue Kazoo	-4°C/-10°C/-29°C	600+ Down	Mummy	Reg RH, Reg LH Lng RH, Lng LH, XI LH	Reg 1253 g Lng 1340 g	20 cm x 43 cm
	Women's Blue Kazoo	-4°C/-10°C/-29°C	600+ Down	Mummy	Reg RH Lng RH	Reg 1169 g Lng 1255 g	20 cm x 43 cm
	Kilo Bag	3°C/-2°C/-18°C	600+ Down	Mummy	Reg RH Lng RH	Reg 975 g Lng 1172 g	19 cm x 38 cm
FLIGHT	Hightail	-6°C/-13°C/-32°C	850 Down	Mummy	Reg RH Lng RH	Reg 910 g, Lng 975 g	19 cm x 33 cm
BASE CAMP	Chrysalis	0°C/-6°C/24°C	600+ Down	Mummy	Reg RH Reg LH Lng RH Lng LH	Reg 1244 g Lng 1366 g	20 cm x 43 cm
	Women's Chrysalis	0°C/-6°C/24°C	600+ Down	Mummy	Reg RH Lng RH	Reg 1220 g Lng 1275 g	20 cm x 43 cm

## SYNTHETIC BAG COMPARISON CHART

	Sleeping Bag	Temp Rating	Fill	Shape	Sizes	Total Weight	Stuff Sizes
	Pyxis	-4°C/-11°C/-30°C	Climashield NEO	Mummy	Reg RH Lng RH	Reg 1384 g Lng 1500 g	24 cm x 46 cm
	Orion	1°C/-4°C/-21°C	Climashield NEO	Mummy	Reg RH Lng RH	Reg 1125 g Lng 1230 g	19 cm x 34 cm
	Scorpio	5°C/0°C/-15°C	Climashield NEO	Mummy	Reg LH Lng LH	Reg 883 g Lng 943 g	15 cm x 28 cm
ALPENGLLOW	Dark Star	-16°C/-25°C/-48°C	Climashield NEO	Mummy	Lng RH	Lng 2835 g	30 cm x 56 cm
	Tundra	-9°C/-17°C/-38°C	Climashield NEO	Mummy	Reg RH Lng RH	Reg 1750 g Lng 1900 g	28 cm x 48 cm
	Snowshoe	-6°C/-13°C/-32°C	Climashield PRISM	Mummy	Reg RH, Reg LH Lng RH, Lng LH	Reg 1590 g Lng 1670 g	24 cm x 46 cm
	Cat's Meow	0°C/-7°C/-24°C	Climashield PRISM	Mummy	Reg RH, Reg LH Lng RH, Lng LH, XI LH	Reg 1200 g Lng 1320 g XI LH 1415 g	20 cm x 43 cm
	Women's Cat's Meow	0°C/-7°C/-24°C	Climashield PRISM	Mummy	Reg RH Lng RH	Reg 1200 g Lng 1290 g	20 cm x 43 cm
TRAILHEAD	Aleutian	3°C/-2°C/-19°C (US -7°C)	H.O.T.* SL	Mummy	Sht LH, Reg RH, Reg LH Lng RH, Lng LH, XI L	Sht 1450 g, Reg 1545 g Lng 1650 g, XI 1760 g	20 cm x 43 cm
	Pyrenees	6°C/ 2°C/ -14°C	H.O.T.* SL	Mummy	Sht LH, Reg RH, Reg LH Lng RH, Lng LH, XI L	Sht 1190 g, Reg 1250 g, Lng 1345 g, XI 1430 g	
	Wasatch	10°C/ 5°C/ -9°C (US 4°C)	H.O.T.* SL	Mummy	Sht LH, Reg RH, Reg LH Lng RH, Lng LH, XI L	Sht 1075 g, Reg 1150 g Lng 1200 g, XI 1310 g	19 cm x 33 cm
	Blue Ridge	3°C/-2°C/-19°C (US -7°C)	H.O.T.* SL	Kids' Mummy	Reg RH	Reg 1120 g	20 cm x 43 cm

Reg - Regular Length (Max User Height 6' (183 cm))  
Long - Long Length (Max User Height 6'6" (198 cm))

RH - Right Hand Zipper  
LH - Left Hand Zipper

SLEEPING BAGS  
comparison chart