



Product provenance information

MATERIALS	Whiteface Dartmoor Heritage Rare Breed Fleece. Source: Dartmoor and surrounding areas. Environment: Flocks are raised extensively on outdoor grazing. Social: Supports Rare Breed farmers and Dartmoor/South West agriculture. Supporting the survival of an "At Risk" British breed.
Processing	Supplier/environmental impact
1. WASHING (SCOURING) FLEECES	A Yorkshire-based traditional scourers using modern equipment with full effluent treatment and no harmful releases to the environment. Waste material (shoddy) from scouring is collected and converted into slug repellent/slow release fertiliser. Thomas Chadwicks and Sons are the only company in the UK to hold ISO9001:2000 Quality Management accreditation in Wool trading and Processing as well as ISO14001:2004 Environmental Management accreditation.
2. SPINNING TWINE	Devon-based John Arbon Textiles use recycled spinning machines and no mineral oil lubricant.
3. DYEING	Our dyes are low impact synthetic dyes. This means less water is required in the rinse process due to the higher rate of absorption. Therefore, the dyes have a lower impact on the environment. Low-impact dyes also typically do not contain heavy metals nor do they require toxic mordants to fix them. The dye and rinse water are often recycled and used again. Even though they are made from synthetic materials, low-impact dyes are generally considered red Eco-friendly and are often preferable to natural dyes because: <ul style="list-style-type: none"> • natural dyes require a much larger quantity of dye and a much larger volume of water for the dye process. • natural dyes require the use of chemical mordants to fix them.
4. WINDING	An historic 155 year-old firm of winders in Bolton are the only company in the UK we can find to spool Twoole to our specification. Cardboard cores are used for winding to avoid the use of plastic shrink wrap which is often used for twine.
5. PRINT	All our print is printed on a combination of recycled or FCS paper and board using water based inks.
6. PACKAGING	Clear cells on cards, Prop it 'n' Crop it, book marks and soaps are fully biodegradable and are made from corn starch and nature flex wood pulp.
7. WOOD	All our wooden products are made from sustainably sourced local timber.
8. PLACEMATS	Our cork and hardboard came from sustainable forests, and is FSC Certified. Our glue is waterbased and laminate is bio-degradeable.
FUTURE:	Due to the low availability of these specialist services, we currently face unavoidable mileage challenges for some processes. However, we will continue to strive to source all our services as close to our raw material supplies as possible.

