

# Welcome to Get Personal!

A unique range of materials designed and produced by LimbTex Ltd. The services that we offer include in-house designing, printing and converting. With over 150 matched stock designs and virtually limitless bespoke/custom possibilities, we can make your ideas a reality. Whether it be changing colours/scaling/ layout of stock designs or fully bespoke designs incorporating the below:



Whatever you decide to use will give that truly professional finish to any of the devices that you manufacture. Using combinations of all of these can enhance your devices.

ALL our stock and bespoke designs are available on ALL of the materials/media's that we offer:

- Transfer Paper rolls
- Spot/Individual transfers
- Orthotic Straps, Pads, Chafes and Kits
- Fabrics for Gaiter's etcLimbWrap cosmetic films
- Limbwrap cosmetic nims
- Wheelchair spoke guards

Lycra Fabrics & Covers

To order the items in the designs that you require, please use the table below:

Material to be Printed	(A) Material Code	(B) Design Code	(C) Size/Code Choices	(D) Personalisation*	(E) Example Product Code
Transfer Papers	ТР	ASTROB		/P (only if required)	TPASTROB
Lycra	L	ASTROB		/P (only if required)	LASTROB/P
Lycra Tube	L	ASTROB	/15, /20, /25 (in cm)	/P (only if required)	LASTROB/15
Strap	STP	ASTROB	/20, /25, /38, 50 (in mm)	/P (only if required)	STPASTROB/20
Chafe/Loop	SCH	ASTROB	/20, /25, /38, /50 (in mm)	/P (only if required)	SCHASTROB/20
Pad	SPAD	ASTROB	/S, /M, /L, /X-L	/P (only if required)	SPADASTROB/S
Strap Kit	SK/	ASTROB	/20, /25, /38, /50 (in mm)	/P (only if required)	SK/ASTROB/20/P
Polyester (FR) Fabric	PF/	ASTROB		/P (only if required)	PF/ASTR0B
LimbWrap (Cast PVC)	LW/	ASTROB	/G (Gloss), /M (Matt) Laminaton	/P (only if required)	LW/ASTROB/M
WheelChair Spoke Guards	SPG/	ASTROB	/18, /20, /22, /24 (in inches)	/P (only if required)	SPG/ASTROB/18
LimbSpot	ST	AF	/7, /10 (Image width in cm)	/P (only if required)	STAF/7

Columns A + B + C + D = E (Product Code)

The design codes can be found under the design pictures on the following pages.

\* If personalisation is required, please contact us at <u>design@limbtex.com</u> with your requirements, when placing your order. **Artwork requirements:** Logos and graphics ideally supplied as (.eps or vector) files, photos as high quality (.psd, .jpg or .tif) files and any specialist fonts used included or text converted to outlines. If you require any of our stock or custom/bespoke designs on stickers/labels/posters etc ..... please contact us on the above email address and we will try to help as best we can.

#### 2nd Edition - July 2018







for all enquiries - email: info@limbtex.com LimbTex



LimbTex visit our website: www.limbtex.com



LimbTex for all enquiries - email: info@limbtex.com



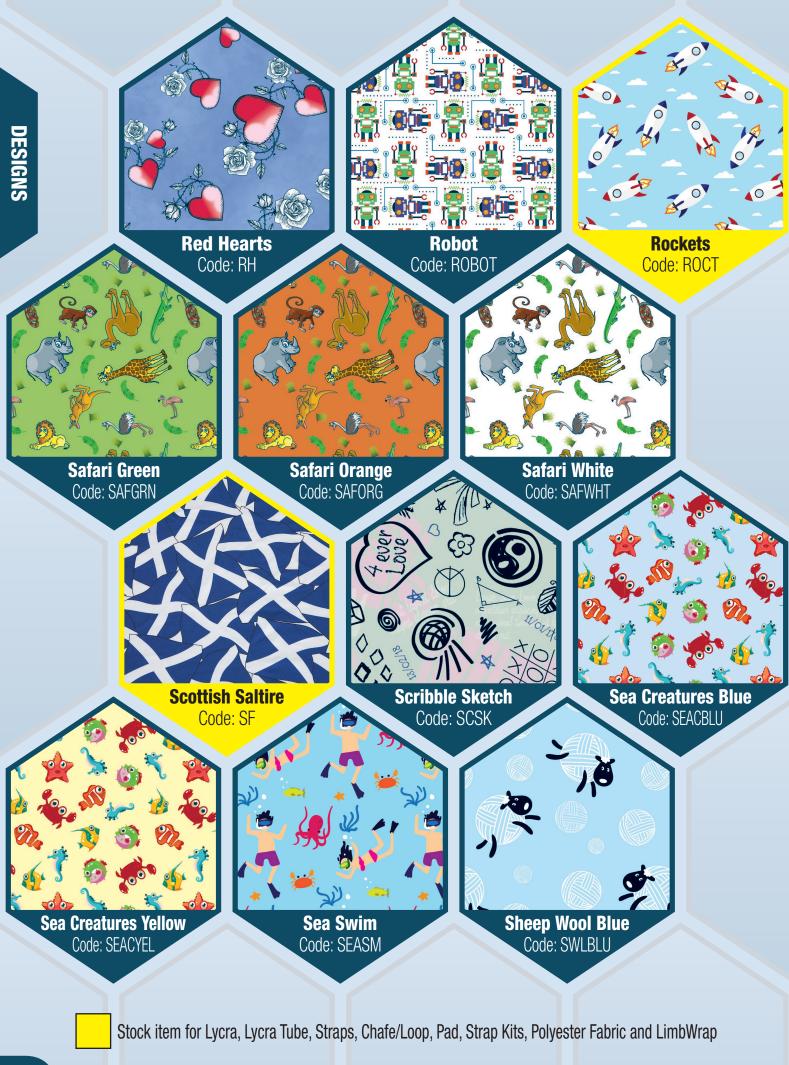


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#### **STOCK ITEMS**

Designs highlighted in **YELLOW** are stock items for Lycra, Lycra Tube, Straps, Chafe/Loop, Pad, Strap Kits, Polyester Fabric and LimbWrap. Order these products for our fastest delivery or wait just a couple of days if choosing any of our other designs. **N.B. ALL** transfer paper rolls and LimbSpots are in stock.

#### DESIGNS

We hope you like our extensive range of designs, but if you still can't find what you are looking for, have your own ideas or simply want to customise one of our designs, please contact us. Our in-house designer will work with you to create bespoke designs just for you. **N.B.** Extra costs may apply and extra time may be required for this service. If you would like to check the size and scale of a design full scale PDFs are available on request. New designs are added every month. Check out any new designs added to this catalogue range in our online drive. Contact us for access to the link.

### **BESPOKE CATALOGUE**

If you would like to put together your own bespoke catalogue offering any of these products, please contact us to take advantage of our FREE artwork service.

# **PRODUCT INFORMATION** TRANSFER PAPERS

Orthotic Transfer Paper Rolls (10m long & 88cm wide). **All** of our designs are available from stock. New designs are being added each week so please email us to receive a link to our online drive to keep up to date with what's on offer, If you would like more than 1 design but don't want to buy multiple rolls that's no problem. We can print up to 10 different designs (10 x 1m) on the same roll at no extra cost.



'Orange Drops' Design in a 15cm Lycra Tube

# LYCRA<sup>®</sup> & FABRIC LYCRA<sup>®</sup> TUBES

Lycra<sup>®</sup> is available in flat fabric (1m x 1.4m) as well as in Tubes sewn into 15cm, 20cm and 25cm widths. They are designed to be used as a decorative finishing layer for prosthetic sockets and are used as the final layer before clear resin is poured. They can also be used in silicone liners, orthotic devices or as a cosmetic cover over a cosmesis or a plaster cast.

We have customers who have their company logos made into designs which they use as the first layer in a lamination so their logos are visible on the inside of the device. No minimum order.

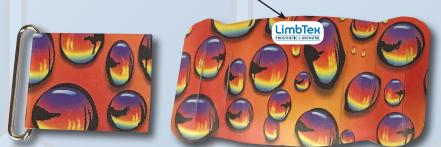
# **STRAP, PADS AND CHAFES**

PRODUCTS

These exclusive straps, pads and chafes are made from reinforced PVC. The PVC is high frequency welded to the hook and loop making them an extremely strong and durable. No minimum order.

**N.B.** Please refer to our main catalogue for the full range of plain colours and sizing.

Add your Company Logo to complete that personal touch



'Orange Drops' Design printed on a Pad L and matching Chafe to fit a 38mm Strap



'Orange Drops' Design pri<mark>n</mark>ted on a 38mm Strap

## **POLYESTER FABRIC**

Ideal for making bespoke "design matched" items such as arm and leg gaiters. Sold by the linear meter. No minimum order.



'Orange Drops' Design Polyester Fabric used on Leg Gaiter AFO using 'Orange Drops' Design

#### LimbTex visit our website: www.limbtex.com

## WHEELCHAIR SPOKE GUARDS

These are supplied flat and made from 2mm black copolymer polypropylene with a printed and laminated sticker applied to them. These are supplied, complete with cable ties to attach them to the spokes. Sold as a pack of two.

These come in four sizes: 18" / 20" / 22" / 24"

No minimum order.

'Orange Drops' Design printed on a pair of Wheelchair Spoke Guards

# LIMBWRAP

This is a high quality, adhesive backed, cast PVC film which we print and then laminate for UV protection and durability. It can be used to wrap and totally transform your devices. Sold in 73cm x 100cm sheets or 10m Rolls, it's an ideal, cost effective solution to personalizing devices that have already been manufactured. It can also be changed easily if the wearer changes their mind. Available with either gloss or matt laminate finish. No Minimum order.



AFO and Trans-Tibial Sockets wrapped with LimbWrap (from left to right) 'Orange Drops', 'Denim Blue', 'Spidey', 'Carbon Fibre', and 'Unicorn' printed designs

### **LIMBSPOT TRANSFERS**

These are individual transfers that be placed anywhere on the orthosis but usually on the back of the calf. We offer 2 standard widths: generally 7cm wide for children and 10cm wide for adults. We have a good range, but the same applies as for the transfer paper rolls, if you can't find what you are looking for, please contact us. All Limbspots are in stock.





# **USER GUIDES**

#### Applying Transfer Paper Rolls and LimbSpots

- 1. Ensure the plastic is clean and free from any dust or grease.
- 2. Cut a piece of transfer paper slightly longer than the length of your plastic panel to allow easy removal.
- 3. Place the transfer paper on top of the oven while you heat the plastic as it will ensure the paper is completely dry.
- 4. Wait for the plastic to turn transparent and check that the surface temperature is 190°C/374°F using one of our DTHERM Digital thermometer.
- 5. Apply the transfer paper with the design facing down, starting at one end of the plastic panel then gradually working towards the other end avoiding any air bubbles, continually smoothing onto the plastic with your gloved hand.
- 6. Once the transfer paper has been applied, return the plastic with the transfer paper on back into the oven for a further 20 -25 seconds.
- 7. After this period, remove the plastic from the oven and peel the transfer paper off from until it is completely removed.
- 8. Mould the plastic as normal.
- **N.B.** The above guide applies if using Copolymer Polypropylene (LimbTex Ref: LimbCpoly), Homopolymer Polypropylene (LimbTex Ref: LimbHpoly) and Modified Homopolymer Polypropylene (LimbTex Ref: LimbMHpoly).

#### A silicone release agent should not be required but is optional on the above materials.

If however you are using Low Density Polyethylene (LimbTex Ref: LimbPE) and LimbPlas Soft (LimbTex Ref: LimbPlasSoft) which require lower cooking temperatures it may be necessary to use a Silicone release agent as the transfer paper could stick. In this case our Silicone release agent (LimbTex Ref: SILS) would be ideal. As a guide coat the printed side of the transfer paper just before you apply it to the plastic taking extra care as the transfer paper may slide a little. **N.B.** If silicone release agent is used, the designs may not come out as bright or as sharp as they do on other materials without using it.

#### Applying Lycra® Sleeves

- 1. Select the correct width of Lycra® tube to fit the socket without stretching it too much, resewing if necessary.
- 2. Pull the tube over your cured socket/device, trimming the length and securing the ends.
- 3. Pull on a PVA bag and laminate with clear resin.

#### Tips:

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- 1. Don't pull the Lycra<sup>®</sup> down too tightly or the colours will fade and images may distort.
- 2. Turn your PVA bag inside out to give a gloss finish (if required)
- 3. As a rule, use white pigment in the resin of the socket/device that you are covering as this tends to make the colours come out brighter.

#### Applying LimbWrap Cosmetic Skins

- 1. Clamp the socket/device securely.
- 2. Clean the surface with LimbWrap surface Cleaner in combination with a lint free cloth.
- 3. Apply any LimbWrap cutting tape to required locations. (Thin cord that cuts the wrap without using a knife)
- 4. Cut a generous piece of LimbWrap material and remove the backing paper.

- 5. Secure one end of the LimbWrap while heating the whole sheet in a circular motion with a digital heat gun set to max, taking care not to overheat it. When heating the LimbWrap you will notice it begin to stretch. At this stage the LimbWrap should be stretched 20% in length which helps later on with the application. Hold in stretched position and allow to cool.
- 6. Tack the centre of the wrap at a position directly opposite the intended seam.
- 7. Work one half of the socket/device first, wrapping and heating as required. Don't worry about wrinkles etc too much as the small marks can be worked out with a squeegee. The LimbWrap can be lifted where any larger wrinkles are and then heated gently to shrink it (use the heat gun set at 140°C)
- 8. When you have covered the seam area, allow to cool if necessary before pulling the cord from the cutting tape. Pull the cord back on itself at an angle of 30° from the surface to ensure a clean cut and minimal lift. Remove cutting tape sleeve.
- 9. Apply more cutting tape onto the surface of the wrap seam previously left. This allows for the overlap to be trimmed to approximately 3mm and will allow for any further shrinkage.
- 10. Wrap the rest of the socket/device wrapping, heating as required and then cutting at the seam using the cutting tape, not forgetting to remove the cutting tape sleeve.
- 11. Once the full wrap is complete, post heat the surface of the wrap to 90°C to activate the adhesive (this will require the heat gun setting to 140°C.
- 12. When heating, rub over the surface and trim lines with a dry cloth to ensure good adhesion.
- 13. Allow to cool for 60 minutes before completing any further trimming.

#### Tips:

If wrapping plastics, the use of a bonding promoter is recommended at least on the edges and seams. When trimming excess material away during wrapping use a cutter to make rounded corners to minimise to chance of tears.

#### Accessories





Design and Print

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