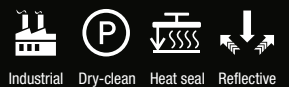


Reflective Transfers

TekSpec®
Product technical details



PRODUCT DETAILS

Transfer Dimensions:

- **Minimum** transfer size is **0.5" x 0.5"** (1.27cm x 1.27cm).
- **Maximum** transfer size is **14" x 20"** (35.5cm x 50.8cm).

Design Lettering Dimensions:

The text within a design should not be less than 10mm (0.39") in height.



Substrate Type:

3M™ ScotchLite™ Polyester transfer film

Transfer Films Colour Selection

3M™ Scotchlite™ transfer films are available in a range of technical formats and colours, including fluorescent yellow, fluorescent orange, industrial launderable and flame resistant.

Current stock transfer film colours / types:

8725 Silver

8786 Fluorescent red-orange

8787 Fluorescent lime-yellow

Special order transfer film colours / types:

9720 Silver Industrial Wash

9740 Silver Industrial Wash Flame Resistant

ORDERING GUIDELINES

Artwork & Set-up Fees:

No fees*. Emblemtek will provide artwork on new emblem orders for customer Approval prior to production. There are no artwork or set-up fees when existing, electronic or physical designs or samples are provided to Emblemtek. Artwork fees may apply when designs are created from scratch.

Order Quantities:

Minimum 15. The minimum order quantity is 15 pieces.

Pre-production Samples:

Available \$. Electronic (scan) or physical pre-production samples (single unit) are available for approved designs. Samples fees are applicable, relative to design detail and emblem size. See price guide for more information.

Pricing:

Charted & quoted. Charted pricing is available up to a certain size threshold, with larger quantities and larger emblem sizes custom quoted. See price guide for more information.

Delivery Times:

Delivery times are relative to order quantity. Transfers greater than 6.00" x 6.00" (15.24cm x 15.24cm) may take longer to manufacture. See price guide for more information.

Ordering Guidelines:

Order specifics. During the design, artwork and ordering processes, there are specific details that we require in order to proceed with your request, such as:

Transfer Type • Transfer Colours • Dimensions • Quantity • Special Delivery Needs

Accepted Design / Artwork File Types

The chart below lists the various graphic and design file types that Emblemtek will accept for artwork and production purposes. Certain file types are preferred as noted.

Graphic File Types:

- CorelDraw ver.13 / ver.X3 (.cdr) *pref*
- Adobe Illustrator ver.CS3 (.ai) *pref*
- Encapsulated PostScript (.eps) *pref*
- Adobe Portable Document File (.pdf) *pref*
- Joint Photographic Experts Group (.jpg) *pref*
- Portable Network Graphics (.png) *pref*
- Adobe Photoshop ver.CS3 (.psd)
- Corel Photo-Paint ver.13 / ver.X3 (.cpt)
- Targa Bitmap (.tga)
- Tagged Image File Format (.tiff)
- Windows Bitmap (.bmp)
- CompuServe Bitmap (.gif)



To request a quote,
please visit
emblemtek.com/quote



To request literature and samples,
please visit
emblemtek.com/samples

APPLICATION & WASH GUIDELINES

Application Methods

Heat seal. 3M™ Reflective Transfers can be heat sealed on to garments and other textile products using a heat seal machine.

| TRANSFER TYPE | HEAT SEAL APPLICATION | | |
|--|------------------------------------|-------------------------------|------------------|
| 8725 Silver 8786 Fluorescent red-orange 8787 Fluorescent lime-yellow | 325°F to 350°F (165°C to 177°C) | 30 to 40 PSI* (2 to 3 Bar) | 10 to 20 seconds |
| 9720 Silver Industrial | 325°F to 350°F (165°C to 177°C) | 30 to 40 PSI* (2 to 3 Bar) | 10 to 20 seconds |
| 9740 Silver Industrial FR | 350°F to 375°F (175°C to 190°C) | 30 to 40 PSI* (2 to 3 Bar) | 20 seconds |

* These recommended settings are based on manually operated or air operated heat seal machines with top iron heat only.

For application methods, washing and drying guidelines, please refer to the **3M™ Scotchlite™ Reflective Material Transfer Films data sheets** available on the web product page.





Heat Seal Notes & Tips:

Place the garment or textile on the bottom platen of the heat seal machine and ensure that the area that is to be transferred is as flat and smooth as possible. Place the transfer carrier over the area to be transferred and position the transfer so that the design is aligned to the garment or textile as required. Cycle the heat seal machine based on the temperature, pressure and time settings noted above. When the heat seal cycle is complete, remove the transfer carrier slowly from the garment or textile while still warm.

Due to the diverse nature of fabrics and textiles in the market place, customers are advised to carry out application, wash and any technical tests (including flame retardant) prior to placing orders.

- **Thicker fabrics**, which may absorb excess heat, may require longer cycle times as charted above.
- **White materials** (knits or blends) may scorch if heat seal temperatures are too high. It is recommended that fabrics be tested first.
- **Pique knit and fleece** materials may be sensitive to heat and pressure, with the possibility of being crushed.
- **Rib-knit and stretch fabrics** may pucker or distort when transfer are heat sealed to them. Transfers may not apply correctly to items such as toques and scarves. It is recommended that these fabrics be tested first.
- **Treated fabrics** finished with coatings, sizing or repellants may not allow for proper heat seal bonding. Items made with leather, suede, nylon, synthetics, nylon-shell, interlinings, rubberized coatings and reflective fabrics, such as jackets and luggage, may react poorly to heat seal temperatures depending on thickness, weave, texture and weight. It is recommended that these fabrics be tested first, with possible heat seal time and temperature adjustments.
- **Caps** can sometimes be difficult to work with for heat seal applications. To achieve a higher potential for heat seal application success on caps, it is recommended that transfers not be greater than 2-1/4" in height and 4" in width.

Washing & Drying Guidelines

| TRANSFER TYPE | WASH TYPE | WASH TEMPERATURE | DRY TYPE | IRON |
|--|------------|---|--|--|
| 8725 Silver 8786 Fluorescent red-orange 8787 Fluorescent lime-yellow | Home Care | Wash in domestic or commercial machine in water not exceeding 105°F (40°C)  | Tumble dry at low heat not exceeding 130°F (55°C)  | Cool iron not exceeding 230°F (110°C)  |
| 9720 Silver Industrial 9740 Silver Industrial FR | Industrial | Wash in commercial machine in water not exceeding 140°F (60°C)  | | |



tel: 800 267 9385
info@emblemtek.com

For complete product details, please visit
emblemtek.com/tekspec/

Be identified. Be recognized!

Emblemtek is pleased to offer you service in English or French, Canada's official languages. This literature is available in French.
Emblemtek est fière de vous offrir un service en anglais ou en français, langues officielles du Canada. Cette documentation est disponible en français.

It is the responsibility of the purchaser to be aware of Emblemtek's policies in full. All logo designs herein are registered by their respective companies. The details within this document are offered for informational purposes only, and are subject to change without notice. Emblemtek declines all responsibility and liability for any errors or omissions that may exist.

Teflon® is a registered trademark of E.I. du Pont de Nemours & Company.
Pantone® is a registered trademark of Pantone Inc. Teflon® is a registered trademark of E. I. du Pont de Nemours
TekSpec® is a registered trademark of Emblemtek Solutions Group Inc.
Velcro® is a registered trademark of Velcro Industries B.V.
3M™ and Scotchlite™ are trademarks of 3M Corporation.

Copyright © 2023 Emblemtek Solutions Group Inc. rev. 2023-02

