



## POLI-FLEX REFLEX SILVER

### Product Information

POLI-FLEX REFLEX SILVER is a silver transfer film with retro-reflective properties and suitable to transfer onto textiles like cotton, mixtures of polyester/cotton and polyester/acrylic. POLI-FLEX REFLEX SILVER can be used for lettering on T-shirts, sport & leisure wear, sport bags and promotional articles.

The film consists of metalized microscopic glass beads laminated to a dry heat-reactivating adhesive backing. A transparent Polyester-film on the reflectorising side guarantees that the film can be cut with all current plotters. We recommend using a standard 45° knife. After weeding the cut flex film is transferred by heat press. The polyester liner should be removed warm. Afterwards we recommend pressing the material for another 2 sec. with the same parameters.

Nylon and textiles with hydrophobic impregnation are not suitable for heat transfer. In this case we recommend using POLI-FLEX NYLON.

POLI-FLEX REFLEX SILVER is composed of wide-angle, exposed, retro-reflective lenses. The photometric values (min. retro-reflection values) conform to EN 471 (class 2).

Guarantee for a secure and long-lasting bond of POLI-FLEX REFLEX SILVER is only given when following the specified temperature and pressure conditions.

#### We recommend evaluation on test material.

Due to the various influences which occur from production and transfer of plotter letterings, consistency of the carrier materials and also washing and cleaning conditions, product liability of course can only cover the unprocessed material.

### Technical Data

|                        |                     |
|------------------------|---------------------|
| <b>Carrier:</b>        | PET-film            |
| <b>Adhesive:</b>       | Copolyester-hotmelt |
| <b>Thickness [mm]:</b> | 0,16 +/- 5 %        |

### Transfer Conditions

|                     |                           |
|---------------------|---------------------------|
| <b>Temperature:</b> | 155° - 165° C             |
| <b>Pressure:</b>    | 3.5 bar [medium pressure] |
| <b>Time:</b>        | 17 – 20 sec.              |

### Wash Resistance

|                         |   |
|-------------------------|---|
| <b>Wash resistance:</b> | 60° C<br>Suitable for dry-cleaning.<br>Wash textile inside out. |
|-------------------------|---|

### Standard Dimensions

500 mm x 25 m  
500 mm x 10 m

#### 4781 Reflex Silver



02/06/2008

#### POLI-TAPE Klebefolien GmbH

Zeppelinstraße 17  
53424 Remagen – GERMANY  
Phone: +49 (0) 2642 – 9836 0  
Fax: +49 (0) 2642 – 9836 37  
E-Mail: [info@poli-tape.de](mailto:info@poli-tape.de)  
Internet: [www.poli-tape.de](http://www.poli-tape.de)

The following technical details are issued to the best of our knowledge, however, without any responsibility for results due to several different kinds of material and application processes. Therefore, we highly recommend that before every usage a test should be conducted on the original material.



## POLI-FLEX REFLEX ECO

### Product Information

POLI-FLEX REFLEX ECO is a silver transfer film based on a fabric with retro-reflective properties and suitable to transfer onto textiles like cotton, mixtures of polyester/cotton and polyester/acrylic. POLI-FLEX REFLEX ECO can be used for lettering on T-shirts, sport & leisure wear, sport bags and promotional articles.

The film consists of metalized microscopic glass beads laminated to a dry heat-reactivating adhesive backing. A transparent Polyester-film on the reflectorising side guarantees that the film can be cut with all current plotters. We recommend using a standard 45° knife. After weeding the cut flex film is transferred by heat press. The polyester liner should be removed warm. Afterwards we recommend pressing the material for another 2 sec. with the same parameters.

Nylon and textiles with hydrophobic impregnation are not suitable for heat transfer. In this case we recommend using POLI-FLEX NYLON.

POLI-FLEX REFLEX ECO is composed of wide-angle, exposed, retro-reflective lenses. The photometric values (min. retro-reflection values) conform to EN 471 (class 2).

Guarantee for a secure and long-lasting bond of POLI-FLEX REFLEX ECO is only given when following the specified temperature and pressure conditions.

#### **We recommend evaluation on test material.**

Due to the various influences which occur from production and transfer of plotter letterings, consistency of the carrier materials and also washing and cleaning conditions, product liability of course can only cover the unprocessed material.

### Technical Data

|                        |                      |
|------------------------|----------------------|
| <b>Carrier:</b>        | PET-film             |
| <b>Adhesive:</b>       | Polyurethane-hotmelt |
| <b>Thickness [mm]:</b> | 0.21 +/- 5 %         |

### Transfer Conditions

|                     |                           |
|---------------------|---------------------------|
| <b>Temperature:</b> | 155° - 165° C             |
| <b>Pressure:</b>    | 3.5 bar [medium pressure] |
| <b>Time:</b>        | 17 – 20 sec.              |

### Wash Resistance

|                         |   |
|-------------------------|---|
| <b>Wash resistance:</b> | 60° C<br>Suitable for dry-cleaning.<br>Wash textile inside out. |
|-------------------------|---|

### Standard Dimensions

500 mm x 25 m  
500 mm x 10 m

#### **4782 Reflex Eco**



13/06/2008

#### **POLI-TAPE Klebefolien GmbH**

Zeppelinstraße 17  
53424 Remagen – GERMANY  
Phone: +49 (0) 2642 – 9836 0  
Fax: +49 (0) 2642 – 9836 37  
E-Mail: [info@poli-tape.de](mailto:info@poli-tape.de)  
Internet: [www.poli-tape.de](http://www.poli-tape.de)

The following technical details are issued to the best of our knowledge, however, without any responsibility for results due to several different kinds of material and application processes. Therefore, we highly recommend that before every usage a test should be conducted on the original material.