

PRODUCT SPECIFICATIONS

REFLECTIVE SILVER (3M) AR4781

POLI-FLEX® Reflex Silver is a silver transfer film with retro-reflective properties and suitable to transfer onto textiles like cotton, uncoated nylon, 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 PET-film on the reflective side guarantees that the film can be cut with all current plotters. We recommend using a standard 45° blade. After weeding the cut flex film is transferred by heat press. The polyester liner should be removed warm.

For application to nylon that is treated with any kind of coating, please test for suitability or we recommend to use POLI-FLEX® 4882 Reflex Eco Nylon.

POLI-FLEX® Reflex Silver is composed of wide-angle, exposed, retro-reflective lenses. The photometric values (min. retro-reflection values) conform to EN ISO 20471:2013.

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 lettering, consistency of the carrier materials and also washing and cleaning conditions, product liability can only cover the unprocessed material.



45° Blade
Recommended



Cut this material in
mirror image



160°C



2,5 - 3,0 bar
Medium pressure



15 Seconds



Peel Warm



Wash warm (max 60°C)
inside out.
Tumble Dry normal.
Do NOT Dry Clean.



Layering not
recommended



Iron inside out. Do
not iron directly onto
transfers.



Suitable for cotton,
uncoated nylon, mixtures
of polyester/cotton and
polyester/acrylic.



Application Tape not
required.

Standard dimensions: 500mm x 25m

TRANSFER FILM	ADHESIVE	THICKNESS
Effect Film, retro reflective	Copolyester-hotmelt	160 microns +/- 5 %

All technical information and recommendations are based on tests we believe to be reliable. However, we cannot guarantee performance for conditions not under manufacturer's control. Before using, please determine the suitability of product for its intended use. The user assumes all risk and liability whatsoever in connection with the use of this product. Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective by the manufacturer.