

3M™ Scotchlite™ Reflective Material 8712 Silver Transfer Film European Care Guideline



1. Product

Washing/cleaning conditions harsher than those recommended below could diminish the brilliance of the material and shorten the product's lifetime significantly. Therefore, the instructions must be strictly followed.

- No pre-soaking.
- No application of high alkaline products (e.g. heavy duty products or stain removal products).
- No application of solvenated detergents or micro-emulsions.
- No additional bleaches.
- Do not over-dry. Reflective material temperature should not exceed 50°C at any time during drying.

Before use, the suitability of the intended care process for 3M™ Scotchlite™ Reflective Material - 8712 Silver Transfer Film must be determined. Test duration should mirror the anticipated maximum number of care cycles in use.



2. Homewash

2.1 Washing Conditions

A coloured clothing wash programme without pre-wash should be used.

Recommendation:

| | |
|---|------------|
| Wash temperature: | 40°C |
| Max. wash time at highest wash temperature: | 12 minutes |
| Max. programme time: | 50 minutes |

Detergent:

- Brand powdered household detergents should be used.
- Recommended are detergents for delicate or coloured laundry.
- Refer to the detergent manufacturer's recommendations for dosage in areas of high water hardness and for various degrees of garment soiling.



Wash temperatures higher than 60°C and industrial laundering processes should not be used. The use of bleach or detergents containing organic solvent will result in a reduction in retro-reflective performance.

Use of temperatures lower than 60°C can increase the lifetime of the reflective material, dependent on the detergent system and its dosage level.



2.2 Do not use additional bleach

- No chlorine bleach.
- No bleaches on oxygen basis (e.g. sodium perborate bleaches).

Do not pre-soak laundry even in a low concentration of bleach.



2.3 Drying Conditions

Tumble Dry: Tumble drying should be performed in a commercially available household dryer using the medium dry setting.

Exhaust temperature should not exceed 50°C.



Do not overdry. Damp dry only.

Air Drying: Line drying is recommended where possible.



3. Dry Cleaning

3.1 Dry Cleaning Conditions

- Cleaning process should be based on a pre- and main-bath only.
- For **P** it is recommended to only use pure perchloroethylene.
- Adjust load and solvent level to give a moderate mechanical action.

Max. solvent temperature: 30°C

Recommended drying temperature: 48°C

Max. inlet temperature: 80°C

Max. exhaust temperature: 60°C

Max. drying time: 15 minutes

Max. programme time: 60 minutes

If stain removing substances (e.g. surfactant-based cleaning booster) need to be used, their compatibility with the reflective material should be determined prior to the application.

Note: High number of dry cleaning cycles may stiffen the product and thus lead to increased abrasion.



4. Ironing

4.1 Ironing Conditions

- Use medium setting, use press cloth.
- Do not apply steam.

Important Notice to Purchaser / Converter / Wearer:

All statements, technical information and recommendations herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed. We shall not be liable and no warranty shall apply for products not applied according to our published information folder.

Before using/converting, the user/converter must determine the suitability of the product for its intended use/converting, and the user/converter assumes all risk and liability whatsoever in connection therewith. All questions of warranty and liability relating to this product are governed by the terms of the sale subject where applicable to the prevailing law.

No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of us.



Personal Safety Division
EMEA Region
3M Centre,
Cain Road, Bracknell
Berkshire RG12 8HT
United Kingdom
Tel: +44 (0) 1344 858000
www.3M.eu/safety

3M and Scotchlite are trademarks of 3M.
Please recycle.
© 3M 2014. All rights reserved.
ECG-8712-01-14
18408