

Product Description

myMEDIA 7570 ColourFlip Film is a glass design colour change film made of polyester with a hardened surface and removable adhesive that changes colour by changing the lighting, sun, clouds or viewing angle. It can be used to produce the effect of dichroic glass retrospectively and cost-effectively. The film provides an easy installation on smooth surfaces, such as shop windows, glass partitions, acrylics, sales counters, etc., by wet application, whether fully covered or plotted logos and graphics. The series is available in 2 shades (Warm: from red to yellow - Cool: from blue to magenta) which leads to interesting, flowing colour transitions over a large area. The product is ideal for creating aesthetic, modern, eye-catching decorations, partitions in offices, retail, hospitality, etc., when there is a need for interesting appearance, clear and non-distorted transparency, as well as light transmission. myMEDIA 7570 ColourFlip films can be used indoors and outdoors for up to 1 year. Mild detergents are recommended for cleaning.

Physical Characteristics

Front material	Dichroic polyester film	
Thickness / Weight	60 µm	
Colour / Finish	Colour transition effect (Warm: Red/Yellow, Cool: Blue/Magenta), high gloss	
Adhesive	Solvent based polyacrylate, transparent, removable	
Liner	Transparent PET-liner, 23 µm	
Durability	Up to 1 year outdoor (vertical exposure, climate zone 1)	
Application temperature	>= +10°C	
Temperature range	-10°C to +70°C	
Adhesion after 24h	1,6 N/25 mm	FINAT FTM 1 (on stainless steel)
Dimensional stability	<= 1,0 mm shrinkage	FINAT FTM 14
Elongation	>135 % (machine direction) >125% (cross direction)	DIN EN ISO 527

Storage

Shelf life	Up to 1 year if stored in original packaging
Storage conditions	+18°C to +25°C and 50 - 55% relative humidity
Storage notice	Remove the roll from the printer after each use and store in the sealed original packaging.

Printing Method

Compatible inks	Not recommended
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Processing and converting

Recommended surfaces	Transparent, flat surfaces made of glass, acrylic, etc. The substrate must be dry and free of dust and grease. Plastic substrates must be completely outgassed so that no bubbles can form after bonding.
Application method	Wet and dry application
Lamination	Not recommended

Removability	
Removability	Up to 6 months
Substrate and surface	<p>The properties and conditions of the substrate are essential for the removability! The surface has to be consistent with a high cohesiveness. Certain substances could interact with each other e.g. diffusion of plasticizers, or fumigation of solvents or flowing gas. This could cause the adhesion to increase from removable self-adhesive products and impedes a residue free removal of the film. The following surfaces could be affected from the above mentioned reciprocal effects:</p> <ul style="list-style-type: none"> - ABS - Acrylic Glass - Freshly painted areas and varnish - Nitro Lacquer - Polycarbonate - Polystyrene - Various PVC
Removability conditions	>= 20°C (surrounding and surface temperature)

Advantages and features

- Colour changing effect film like dichroic glass
- Smooth colour transition depending on viewing angle
- Entire roll width without pattern repeat
- Available in Warm (red to yellow) and Cool (blue to magenta)
- For indoor and outdoor use up to 1 year
- Good plotter properties
- Easily removable up to 6 months
- Suitable for wet and dry application

Applications

- Aesthetic Interior Design
- Modern glass designs
- Eye-catching decorations
- Glass separation walls in offices
- Decorative applications
- Interior architecture
- Shop design
- Hotels and gastronomy

Important Notice

Information on physical and chemical characteristics is based upon tests, practical knowledge and experience. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Because of the variety of uses and applications, the purchasers should independently determine, prior to use, the suitability of this material to their specific use and carefully consider the suitability and performance of the product. The purchaser shall assume all risks for any use and application of the material. All specifications and technical data are subject to change without prior notice, errors and omissions expected. All warranty matters are regulated by our general terms and conditions.