# Technical data sheet

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|---|---|
| Product: | 506 |
| Manufacturer: | 3M DEUTSCHLAND GMBH |
| Product group: | KLEBEBAND |
| Article group: | OBERFLÄCHENSCHUTZFOLIE |
| Download: | 17.10.2026 |

## 3M™ BLACKOUT FILM F506

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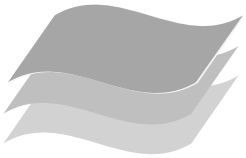
# 3M™
# Blackout Film F506

Technical Data Sheet

## Description

3M™ Blackout Film F506 is a high performance paint replacement film intended for application to a wide range of exterior surfaces.



Film Layer: Single layer PVC film

Adhesive Layer

Release Liner

## Physical Properties

| | |
|---|---|
| Film type | Single layer PVC film |
| Color | Black |
| Surface appearance | Textured |
| Nominal thickness | 450 µm (incl. adhesive) |
| Adhesive type | Pressure sensitive Acrylic adhesive (suitable for wet application) |
| Liner type | Kraft paper |
| Typical substrates | Automotive paint |
| Tensile Strength | > 1500 N/cm² |
| Elongation | > 250 % |

## Product Information

| | |
|---|---|
| Ease of application | ★ ★ ★ |
| Weathering durability | ★ ★ |
| Shear resistance | ★ |
| Resistance to shrinkage (applied) | ★ |
| Conformability | ★ |

(maximum 3 stars)

## Shelf life

6 months in original packaging. Store in dry, dark conditions at +15°C to +25°C and a maximum of 50% relative humidity. Avoid direct sunlight.

**Limitation of End Use**

3M specifically does not recommend or warrant any use other than described in local instructions, but please contact us to discuss your needs to recommend other products.

**Additional Information**

To request additional product information see address below.

**IMPORTANT NOTICE:**

All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluates the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method or application.

Values presented have been determined by standard test methods and are average values not meant to be used for specification purposes.

All questions of warranty and liability relating to this 3M product are governed by the terms of the respective sale subject, where applicable, to the prevailing law.

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