



17 Rue Edouard Garet, Parc les Communaux, 42160 Andrézieux Bouthéon, France | +33 4 77 42 65 90

TECHNICAL DATA SHEET

SI MATTE BW

Surface Protection Film

1. PRODUCT DESCRIPTION

SI MATTE BW is a non-permanent surface protection film designed for highly structured surfaces such as PVC, stainless steel, aluminium, ceramics, HPL panels, plastics and glass. The adhesive side is wound inside. The film protects surfaces against damage, scratches and contamination during transportation, processing, storage and assembly.

2. TECHNICAL DATA

Total thickness	80 µm polypropylene
Film type	Polypropylene film
Adhesive system	Natural rubber
Adhesive side	Inside wound
Adhesion value	290 cN/cm (on glossy stainless steel)
Lamination temperature	23 °C
Lamination pressure	10 kg/cm
Removal speed	300 mm/min
Removal angle	180°

3. FILM CHARACTERISTICS

- Colour: transparent clear up to opaque
- Printing possible up to three colours using flexographic printing
- Printing designed to avoid ink migration onto the protected surface
- Printed film not recommended for thermoforming
- Film equipped with release lacquer
- Indoor and outdoor use possible (with UV barrier film for outdoor use)



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4. REEL DIMENSIONS

Reel width	≤ 2,200 mm
Reel length	100 m – 500 m
Reel diameter	≤ 500 mm
Core diameter	76 mm or 50 mm (cardboard)

5. PROCESSING RECOMMENDATIONS

- Apply the film without wrinkles or air bubbles.
- Avoid stretching the film beyond 1%.
- Repack unused material and store according to recommendations.
- Remove pallet and roll labels immediately before application.
- Material should be applied within 6 months after delivery.
- After application, the film should be removed within a maximum of 3 months.

6. STORAGE RECOMMENDATIONS

- Store dry in original packaging.
- Storage temperature: 15–35 °C.
- Relative humidity: 45–75%.
- Condition material for at least 24 hours in the processing area before use.
- Protect material from strong light exposure and heat sources.
- Avoid prolonged exposure to high temperatures or direct sunlight.

7. DISCLAIMER

This technical data sheet contains typical values only and does not constitute a specification. The user is responsible for ensuring the suitability of the product for the intended application.