

## **TECHNICAL DATA SHEET**

### **SI SMOOTH ABW – Surface Protection Film**

#### **1. PRODUCT DESCRIPTION**

SI SMOOTH ABW is a non-permanent surface protection film designed for matte to slightly textured surfaces such as PVC, stainless steel, aluminum, ceramic, HPL panels, plastics, and glass. The adhesive side is wound inward. The film protects against scratches, damage, and dirt during transport, processing, storage, or assembly.

#### **2. TECHNICAL DATA**

Total thickness: 61 µm (PP/PE film)

Film type: Co-extruded PP/PE

Adhesive: Acrylic

Adhesion: 135 cN/cm

Lamination temperature: 23°C

Lamination pressure: 10 kg/cm

Peel speed: 300 mm/min

Peel angle: 180°

#### **3. FILM CHARACTERISTICS**

Transparent to opaque. Printable up to 3 colors. No ink migration under normal conditions. Not recommended for thermoforming when printed. Indoor and outdoor use (UV version required for outdoor).

#### **4. ROLL DIMENSIONS**

Width ≤ 2750 mm

Length: 100–500 m

Diameter ≤ 500 mm

Core: 76 mm or 50 mm

#### **5. APPLICATION RECOMMENDATIONS**

Apply without wrinkles or bubbles. Avoid stretching >1%. Use within 6 months. Remove within 3 months after application.

#### **6. STORAGE**

Store dry in original packaging. Temperature: 15–35°C. Humidity: 45–75%. Avoid heat and sunlight.

#### **7. DISCLAIMER**

Values are typical and non-contractual. User must validate suitability.