# ACREX SOLID COLLECTION

Acrylate Eco-friendly flexible Deco Film

**PRINTECH**

## PRODUCT

ACREX ; Acrylate Eco-friendly flexible Deco Film

SOLID COLLECTION ; The ACREX SOLID COLLECTION consists of ACREX ULTRA PRO and ACREX PRO, and is a series made up of solid-colored products.

## DESCRIPTION

ACREX is a film composed of acrylic material. ACREX Solid collection has a solid color with a special coating for soft touch, anti-finger print effect and strong surface hardness. It is suitable for the production of door, wall panel like vertical / interior purpose by flat lamination. According to purpose, it can be used for horizontal purpose like top table for furniture.

- ACREX ULTRA PRO ; This film boasts an 8H scratch level and features strong durability and resistance to contamination, making it particularly suitable for use on commercial office desks.

- ACREX PRO ; ACREX's most representative solid-colored product line, with a wide range of pre-developed colors, allows for the flexible creation of custom colors based on customer requests.

## FEATURES

• Soft-touch with Super Matt and anti-fingerprint effect

• Anti-Scratch with High Hardness

• Resistance to heat, chemicals, aging, etc.

• Excellent Lightfastness

• Implement various colors

## APPLICATIONS

Typically used in the furniture, door and wall panel with 1D Flat lamination.

## AVAILABLE SPECIFICATIONS

Material : Acrylic Film (Roll type)

Spec : 1,260 mm (width), 0.3 ~ 0.4 mm (thickness)

Glue type : PUR, EVA glue (PUR : 45 g/m3 or EVA : 70 g/m3)

Rewinding Meter : 300meter/roll

## TECHNICAL FEATURES

Specifications are summarized in the table on the following page.

## PACKAGING AND STORAGE

The product is available in rolls, protected by shockproof packaging. Rolls are available in vertical or horizontal packaging on pallets. The stability of the products is six months when stored in their original packaging and under appropriate environmental conditions. And when the products are stored, they should be stored vertically.

## NOTES

The information contained in this document is based on our current knowledge and experience. However, it is not exhaustive and is provided for reference only. Therefore, we recommend conducting a preliminary quality check and testing in your facility within six months of product receipt.

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## TECHNICAL DATA

| TECHNICAL PARAMETERS | | | Product Type | | |
|---|---|---|---|---|---|
| **PROPERTIES** | | u.m./ class/ level | ACREX ULTRA PRO (Super Matt) | ACREX PRO (Super Matt) | ACREX ULTRA STAR (High Gloss) |
| 1 | Thickness | µm (mm) | 400 (0.4 mm) | 200 ~ 400 (0.2 ~0.4 mm) | 500 (0.5 mm) |
| 2 | Gloss Level Acc. to EN ISO 2813 | UG (60°) | ≤ 4 | ≤ 4 | ≥ 97 |
| 3 | Chemical Resistance Acc. to KS M ISO 4211:2009 | - | Grade 5 | Grade 5 | Grade 5 |
| 4 | Scratch Resistance Acc. to KS M ISO 15184 | - | 8 H | 2 H | 4 H |
| 5 | Lightfastness Acc. to ASTM E 1164 | Blue Scale | ≥ 6 | ≥ 6 | ≥ 6 |
| 6 | Eco-Friendliness Acc. to KS M 1998:2022 — Toluene | mg/mm²h | 0.010 | 0.001 | 0.001 |
| | Formaldehyde | mg/mm²h | N.D | N.D | N.D |
| | Heavy metals (4 types) | mg/mm²h | N.D | N.D | N.D |
| | phthalate (DIBP,DBP,BBP,DEHP) | mg/mm²h | N.D | N.D | N.D |
| 7 | Anti-fingerprint properties | | √ | √ | |