



## Ref. ARGIPRINT 150 — Security PVC

Semi-gloss white PVC film 70 µm / SZ solvent-based permanent acrylic adhesive / high-density calendered liner

### DESCRIPTION

A product specifically intended for security labels. The facestock is a semi-gloss white PVC film with low tear resistance, which tends to break when removal of the label is attempted. The SZ adhesive is a solvent-based permanent acrylic with high adhesion and high cohesion. The liner is a high-density super-calendered 80 g/m<sup>2</sup> paper, suitable for automatic labelling and of good quality for optical scanning.

### QUICK SUMMARY

|                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Facestock:</b> Semi-gloss white PVC, 70 µm<br><b>Adhesive:</b> SZ permanent acrylic, solvent based<br><b>Liner:</b> High-density super-calendered paper, 80 g/m <sup>2</sup><br><b>Food contact:</b> Not suitable | <b>Key points</b> <ul style="list-style-type: none"><li>• The facestock breaks if removal is attempted</li><li>• Operating temperature: -5 to +40 °C</li><li>• High adhesion and high cohesion</li><li>• Liner suitable for automatic labelling</li><li>• Shelf life: 2 years</li></ul> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### KEY ADVANTAGES

- Extremely fragile facestock: it tends to break when the label is peeled off.
- Semi-gloss white PVC film with low tear resistance.
- Solvent-based permanent acrylic adhesive (SZ), with high adhesion and high cohesion.
- Recommended operating temperature: -5 to +40 °C.
- High-density liner, suitable for automatic labelling and optical scanning.

### RECOMMENDED APPLICATIONS

- Security labels where the facestock must break if removal is attempted.
- Tamper-evident seals and warranty seals that must show any interference.
- Automatic labelling requiring good quality for optical scanning.

### MATERIAL STRUCTURE

| LAYER     | CODE | DESCRIPTION                                                                                                     |
|-----------|------|-----------------------------------------------------------------------------------------------------------------|
| Facestock | —    | Semi-gloss white PVC film with low tear resistance. Thickness 70 µm and weight 135 g/m <sup>2</sup> .           |
| Adhesive  | SZ   | Solvent-based permanent acrylic, with high adhesion and high cohesion. Food contact: not suitable.              |
| Liner     | —    | High-density super-calendered 80 g/m <sup>2</sup> paper, suitable for automatic labelling and optical scanning. |



## PHYSICAL PROPERTIES

| PROPERTY               | STANDARD | UNITS            | VALUE | TOLERANCE |
|------------------------|----------|------------------|-------|-----------|
| Facestock thickness    | —        | µm               | 70    | —         |
| Facestock weight       | —        | g/m <sup>2</sup> | 135   | —         |
| Coat weight (adhesive) | FTM 12   | g/m <sup>2</sup> | 17    | ± 2       |
| Liner thickness        | ISO 534  | µm               | 70    | —         |
| Liner weight           | ISO 536  | g/m <sup>2</sup> | 80    | —         |
| Release                | FTM 3    | gr/inch          | 15    | ± 5       |

## MECHANICAL PROPERTIES

| PROPERTY | STANDARD                | UNITS | VALUE |
|----------|-------------------------|-------|-------|
| Shear    | FTM 8 (stainless steel) | h     | > 80  |

## TEMPERATURES AND STORAGE

| PROPERTY                          | UNITS | VALUE     | TOLERANCE |
|-----------------------------------|-------|-----------|-----------|
| Recommended operating temperature | °C    | −5 to +40 | —         |
| Storage temperature               | °C    | 20–25     | —         |
| Storage relative humidity         | %     | 40–50     | —         |
| Shelf life                        | years | 2         | —         |

## CERTIFICATIONS AND COMPLIANCE

- Food contact: not suitable.
- Environmental management system certified to ISO 14001 by DNV GL.
- Quality management system certified to ISO 9001 by DNV GL.

## STORAGE AND SHELF LIFE

Shelf life of 2 years when stored at 20–25 °C and 40–50 % relative humidity, in the original packaging. Do not expose the material to direct sunlight or to heat sources.

## USAGE RECOMMENDATIONS

- Observe the recommended operating temperature for the application: −5 to +40 °C.
- Store in the original packaging, at 20–25 °C and 40–50 % relative humidity.
- Avoid direct sunlight and heat sources during storage and handling.



## IMPORTANT NOTES

- The values given are laboratory test results and should not be regarded as an absolute reference or a warranty. Users should run their own trials.

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