

Product code: 4-IL2B-01299

RI-6991/50 PET WHITE TC AP906-40 PET 100MIC AUTOMOTIVE GRADE

A series of special films for labels to withstand stringent standards and service requirements. Suitable for very low energy surfaces like air bags, on velvet under hood or on parcel shelf and as security labels to guarantee original spare parts, for safety and danger identification.

Applications

Promotional and decorative labels, specifically developed for doming.

Face Material

Gloss white top coated polyester.

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|---|--------------------------|---------------|
| Type | Top coated polyester | |
| Colour and Finish | Gloss white | |
| Weight | 70 g/m ² ±10% | ISO-536 |
| Thickness | 50 µm ±10% | ISO 534-80 |
| Dimensional stability | < 1.0 % | ASTM D1204 |
| Tensile Strength MD | > 140 N/mm ² | ASTM D882 |
| Tensile Strength CD | > 180 N/mm ² | ASTM D882 |
| Elongation at break MD | > 120 % | ASTM D882 |
| Elongation at break CD | > 85 % | ASTM D882 |
| Flammability | n/a | ISO 3795:1989 |
| Outdoor vertical exposure durability | UP TO 5 YEARS | |

Adhesive

| | | |
|----------------------------|-------------------|------------|
| Reference | AP940-40 | |
| Type | Permanent acrylic | |
| Min. Appl. Temp. | 10 °C | |
| Service Temperature | -20°/+140° C | |
| Shear | High | FINAT FTM8 |
| Initial adhesion | > 8 N/25mm | FINAT FTM1 |
| Final Adhesion | > 15 N/25mm | FINAT FTM1 |

Liner

| | | |
|--------------------------|--------------------------------|---------------|
| Type | One side siliconised polyester | |
| Colour and Finish | Clear | |
| Weight | 140 g/m ² ±10% | ISO-536 |
| Thickness | 100 µm ±10% | ISO 534-80 |
| Transparency | > 90 % | DIN 53 147-64 |

Printing Methods

Suitable for UV and solvent based screenprinting and UV offset printing.

Shelf life

24 months, applicable only to the material delivered by Ritrama which has not undergone further processing, under the storage conditions as defined by FINAT section 2.5:

- Ideal storage conditions are at a temperature of 20 -25 °C and 40 - 50 % HR.
- Store in a cool and dry place.
- Do not store close to a heat source or in direct sunlight.
- Keep the material in the original packaging until required for use.

Pay particular attention to the recommended shelf-life and ensure correct stock rotation.

Disclaimer

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Considering the multiple uses of Ritrama's products, the user is recommended to test the products prior to their use, so to determine and ascertain the suitability and performance of the product for its intended application and purpose.

The methods of conversion and application of Ritrama's self-adhesive materials are multiple and it is therefore essential that the users are aware of the particular method to be used, prior to commencing the production.

Printing: testing for compatibility between product, printers and inks is always highly recommended before printing the product.

Application Systems and Conditions: it is recommended that the performance of the product be always tested in the actual applications conditions as to humidity and moisture; temperature; substrate state (rough, smooth, flat or irregular shapes, small containers or very large); direct contact with the substance into the container; applicator technology (hand application, multi headed fully automated at high speed); specific stress on Ritrama material once applied (high and/or low temperature, mechanical stress, rubbing, exposure to challenging environment conditions), et cetera.

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