

A-Sign

SAV CAST 50 WPGGS

Material description

Soft cadmium-free polymeric cast PVC film.
Color: white.
Surface: glossy.

Adhesive

Solvent-based pressure-sensitive acrylic glue.
Glue: permanent.
Color of glue: grey.

Applications

Perfect for long-term outdoor use on corrugated surfaces and over rivets.
This material has been developed especially for applications with very deep indents.

Backing paper

White PE-coated paper: 130 gr/m²



•A-Sign

SAV CAST 50 WPGGS

Product specifications

Technical properties at a relative humidity of $50 \pm 5 \%$ and a temperature of $23 \pm 2^\circ\text{C}$.

| | Test method | Result |
|--|-------------|-----------------|
| Thickness | | |
| Thickness vinyl | Din53370 | 50 micron |
| Thickness vinyl + glue + paper | Din53370 | 230 micron |
| Elongation at break | | |
| In production length direction | Din53455 | > 190 % |
| In cross direction | Din53455 | > 190 % |
| Dimensional stability | | |
| | Finat 14 | < 0.25 mm |
| Adhesion strength | | |
| After 20 minutes | Finat 1 | 14 N/25mm |
| After 24 hours | Finat 1 | 16 N/25mm |
| Expected outdoor life span | | |
| | - | 10 years |
| Temperature range | | |
| At application | - | +5°C to +40°C |
| At use | - | -45°C to +115°C |
| Flammability | | |
| If applied on aluminium, glass, steel = self-extinguishing | | |

Storage instructions

This material always needs to be stored in its original packing and with the original protection flanges. Especially for cast films it is important that they are stored vertically. These films are softer than calendered films and consequently more sensitive to pressure marks when they are stored horizontally, resting on their own weight. In order to avoid any loss of quality, the material should also be stored in suitable conditions, that is at a temperature between 10 and 20°C, and a relative humidity of 50 %. Under these conditions, it can be stored for a period of two years.

Additional information

Should you require more information, please contact your local representative.

The statements in this information sheet are based upon our knowledge and practical experience.

This data sheet is intended only as a source of information and is given without guarantee and does not constitute a warranty. Due to the wide variety of possible uses and applications customers should independently determine the suitability of this material for their specific purpose, prior to use.

Notes

Large amounts of solvent ink on the material can activate the ink on the backside of the material. If the material is enrolled too quickly after printing, the print on the backside of the material may become visible in your printout. Therefore we advise you to limit the amount of ink and to leave the prints to dry sufficiently before enrolling them.

Surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination which could affect the adhesion of the material.

When printing on solvent and low-volatile solvent media, the temperature settings of the printer are extremely important. We advise a pre-heater temperature between 35°C and 45°C and an after-heater (dryer) temperature that is about 5°C to 10°C higher. In general, we can say the temperature of both heaters should be set as high as possible, on condition that the material stays completely flat. Too high a temperature can lead to an inferior print quality and to color differences.