

A115

HPV VINYL

Adhesive performance

Permanent rubber based adhesive with excellent tack and adhesion to a wide variety of substrates including apolar surfaces. The adhesive complies with the European food directives and legislations, FDA 175.105 and the German recommendations XIV as published by BfR. BfR (Bundesinstitut für Risikobewertung) is the German Federal Institute for Risk Assessment. The adhesive can be used in direct contact with dry and moist, non fatty foodstuffs.

Upper	Monomer plasticised PVC film
Colour	White glossy
Thickness face material	84 µm
Adhesive	Permanent rubber adhesive
Liner	White, one-sided siliconised paper
Thickness liner	61 µm

Performance data

Min. appl. Temp.	+5°C
Service temp.	-20°C to +80°C
Adhesive force 90°C (FTM2)	12 N/25mm FTM 2 st.st
Initial adhesion (FTM9)	20 N/25mm FTM 9 Glass
Substrates	The permanent rubber adhesive exhibits high initial and final adhesion to many surfaces. It is also suitable for slightly rough surfaces.
Letter TTR printer	The material can be easily printed with resin and wax-resin print on ribbons. Prior testing is strongly recommended.
Storage	2 years at 20°C to 25°C room temperature and 40% - 50% humidity.

Facestock

A gloss white monomeric, plasticised cadmiumfree PVC film.

Basis weight	114g/m ²	ISO 536
Caliper	0,083mm	ISO 534

Adhesive

A special purpose permanent, rubber based adhesive

Liner

White supercalendered glassine paper

Basis weight	72g/m ²	ISO 536
--------------	--------------------	---------

Caliper	0,063mm	ISO 534
Transparency	45%	DIN 53147

Laminate

Total caliper	0,161mm	+/- 10%
---------------	---------	---------

Applications and use

Due to its good weatherability and excellent adhesion performance on apolar surfaces the product is suitable for a wide variety of in- and outdoor applications. Applied to plastic bottles the products show good squeezability performance. Products pass the seawater exposure test of BS5609 part II.

Conversion / Printing

The material can be printed by screen, flexo, gravure, offset and letterpress. With suitable leaf quality the material can also be used for hot foil stamping. Due to the non absorbent surface nature it is recommended to use accelerated drying systems or UV curing to obtain maximum possible ink anchorage in the letterpress and offset processes.

Shelf life

Two years when stored at 20° C / 50% RH.

Certificates

REACH

Please contact Altec for the latest REACH document available.

RoHS

Please contact Altec for the latest RoHS document available.

Disclaimer

Values shown in this document are averages only. For legal reasons, we emphasize that the information on this data is available as is and that Altec gives no guarantees with respect to the accuracy and completeness nor with respect to interpretations made on the basis of this information.