Frimpeks Self Adhesive Labelstocks

651508500 COATED SAND.-H400/H400-YG/YG_D

Product Information:

The face material is a One side coated paper designed for high-end, pressure sensitive label applications. This grade features excellent opacity and high brightness combined with a semi-gloss finish for excellent printability. This grade features excellent opacity and high brightness combined with a semi-gloss finish for excellent printability. The product features rubber based hotmelt, permanent adhesive for general use. Excellent adhesive performance on a wide variety of substrates including apolar, slightly rough and curved substrates. Particularly good performance at lower temperatures, we recommend to check suitability prior to use. Displays excellent performance during slitting, high speed matrix-stripping and automatic labelling. The yelow, supercalandered siliconised glassine paper is specially designed for high speed conversion, punching and perforation. Transparency allows its use in automatic dispensing system.

Typical End Use

This sandwich construction consisting of usually two self-adhesive layers on top of each other (additional layers possible on request) Functional label applications where a second (or third) self adhesive label is needed when the first layer has been peeled off or applied e.g. promotional stickers on consumer products.

At a Glance

	Method	Unit	Target	
Face				
Basis Weight	ISO 536	g/m2	78 ± 4	
Thickness	ISO 534	µm	67 ± 4	
Adhesive				
Peel adhesion 90°	FTM 2 st.st	N/m	min.300	(min. 7 N/25mm)
Loop Tack	FTM 9 glass	N/m	min.600	(min. 15 N/25mm)
Min. appl temperature		°C	0	
Service temperature		°C	-30 / +70	
Liner				
Basis Weight	ISO 536	g/m2	60 ± 2	
Thickness	ISO 534	µm	51 ± 3	
Transparency	DIN 53147	%	49	
Laminate				
Thickness	ISO 534	µm	190 ± 10	

Conversion and Printing

Surface is suitable for excellent printing quality by all conventional print technologies and thermal transfer printing.

Shelf Life and Storage Conditions

Two years when stored away from direct sunlight and heat, in a dark, dry place at a temperature of 22°C ± 2°C with a relative humidity of 50%, ± 5%.

Packaging

The rolls are sliced according to customer requirements, double sided siliconised papers are put between of rolls. Paperboards are placed at the sides. They are delivered on pallets. Product description labels are fixed on rolls.

Technical Information

Consumer's care and safety are one of our first target and for this reason food should not be contaminated by any external substance.
Within this frame we keep in mind that all the components of our inks must not migrate inside food-packaging. Our low migration series have all law requirements to be used in printing for non-food contact surface.

Migration could happen in three different ways:

1) Direct migration
2) Set-off migration due to paper stacking
3) Gaseous migration

Framework Regulation (EC) No 1935/2004 related to materials and articles intended to come into contact with foodstuffs provides the basis for the assurance of a high level of protection of human health and of consumers' interests in relation to food packaging, whether printed or not. The manufacturer of the final packaging has the responsibility for the compliance of the material and article with the legal requirements laid down in Article 3:
Materials and articles must be manufactured in compliance with good manufacturing practice so that, under their normal or foreseeable conditions of use, they do not transfer their constituents to foodstuffs in quantities which could:

a) endanger human health
b) bring about an unacceptable change in the composition of the food
c) bring about a deterioration in the organoleptic characteristics thereof

Declaration of Composition and Product Declaration:
CEPE / EuPIA – Exclusion List

CEPE is the European Council of producers and importers of paints, printing inks and artists colours whereas EuPIA is the European Printing Ink Group of CEPE. The printing industry voluntarily came up with the Exclusion List for specific substances many years ago. The raw materials used by Frimpeks for the formulation of our printing inks/varnishes meet the guidelines of the CEPE / EuPIA Exclusion

SWISS ORDINANCE ON MATERIALS AND ARTICLES IN CONTACT WITH FOOD (SR 817.023.21) article 26g, Annex 1 (list 1 and 2) and 6; Nestlé guidance note on packaging inks and varnishes – august 2016..

Heavy Metals

CONEG stands for Coalition of North-Eastern Governors in the USA. One of their legislations, adopted by 18 states as of 1998, requires reductions in the amount of the four heavy metals mercury, lead, cadmium, and hexavalent chromium in packaging and packaging compo- nents sold or distributed in their member states. For Frimpeks H400 products the limits for heavy metals as listed in the CONEG-Regulation (USA) are met. The Euro Norm 71.3 refers to the max level of heavy metals in children's toys. For Frimpeks H400 products, the limits for heavy metals as listed in the DIN EN 71-3 are met.
Heavy metals are no part of our formulations.

Hazardous Substances

Substances mentioned in the directive 2002/95/EC (RoHS) are not intentionally used in our products.

SVHC-Substances (substances of very high concern):

In our products no substances are used which meet the criteria of SVHC-substances (substances of very high concern). SVHC-substances are substances which are classified as CMR 1 & 2, PBT (PBT pollutants are chemicals that are toxic, persist in the environment and bioaccumulate in food chains), vPvB (Substances that are potentially very persistent and very bioaccumulative) and endocrine disruptors (artificial hormones).

The substances listed in the guide line 67/548/EEC (amended by the directive 2006/121/EC) and in the guide line 76/769/EEC are not part of the formulation of our products. Furthermore, we confirm that our H400 products are in accordance with the EC regulation 1895/2005 (repeals the guide line 2002/16/EC).

Enhanced Statement of composition (ESoC) is available on request to support with migration testing and compliance with Plastics Regulation (EU) No 10/2011, the Swiss Ordinance 817.023.21 Annex 1 or 6 or listed on the 'Provisional List of Additives used in Plastics' or listed as a food additive in Regulation (EC) No 1333/2008 and Regulation (EC) 1334/2008.

Quality Assurance:

ISO 9001
The production site of Frimpeks is certified according to DIN EN ISO 9001:2015 and DIN EN ISO 14001:2005 (corresponds to EN ISO 14001 edition 2009).