

# A111

## PAPER LABELS

### Front material

Self-adhesive	Rolls			
Face	Reflagloss			
Product	Off machine, glossy, coated art paper			
Use	For high quality labels with multi-color printing and high gloss finish.			
Typical technical values				
Substance	80	g/m2	ISO 536	
Caliper	64	µm	ISO 534	
Tensile strength MD	4.8	kN/m	ISO 1924/1	
Tensile strength CD	2.7	kN/m	ISO 1924/1	
Brightness	90	%	ISO 2470/1	
Roughness	0.5	microns	ISO 8791	PPS 10
Opacity	87	%	ISO 2471	
Gloss	90	%	Hunter 75°	
Stiffness MD	0.22	mNm	ISO/DP 2493	
Stiffness CD	0.10	mNm	ISO/DP 2493	
Printability	Suitable for thermal transfer printing with wax/resin ribbons.			
Sustainability	Products named as PEFC are registered to CH11/1264.00 100% PEFC certified.			

### Adhesive

Adhesive	Permanent adhesive		
Composition	Rubber, hotmelt		
Use	Recommended for use in cold environment, particularly if the application surface is moist or if very high initial adhesion is required. Good low temperature performance once labelled. Very good adhesion to non-polar surfaces.		
Typical technical values			
Tack min	14	N	FTM 9
Shear min	3.0	h	FTM 8
PE-looptack min	10	N	modified FTM 9
Labelling temperature min	-5	°C	
Service temperature min	-40	°C	
Service temperature max	50	°C	
Limitations	Not suitable for labelling of plasticised PVC.		

<b>Approvals</b>	The raw materials conform to FDA 21CFR 175.105 (indirect food contact). The research centra ISEGA has given the approval for direct contact with dry and moist non-fatty foods.
<b>Shelf life</b>	Two years from the date of manufacture in +20°C and RH 50%.

### Backing

Self-adhesive	Rolls		
Backing	Glassine		
Product	Yellow transparent glassine backing paper		
Use	Backing paper for all reelstock applications; suitable for automatic dispensing.		
Typical technical values			
Substance	60	g/m2	ISO 536
Caliper	53	microns	ISO 534
Tensile strength MD	190.0	N/mm²	DIN 53455
Tensile strength CD	200.0	N/mm²	DIN 53455

### Food contact regulations

We hereby confirm that the above mentioned product is in compliance with the EC regulations

EC 1935/2004 on materials and articles intended to come into contact with food.

EC 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food.

Furthermore most of the components are in compliance with the following regulations

EU 10/2011 on plastic materials and articles intended to come into contact with food with the following restrictions:

FCM number	CAS number	Substance name	Restrictions*	
384	991-84-4	2,4-Bis(octylmerapto)-6(4-hydroxy-3,5-di-tertertbytylanilo)-1,3,5-triazine	SML	30 mg/kg
756	110553-27-0	2,4-Bis(octylthiomethyl)-6-Methylphenol	SML(T)	5 mg/kg

Those components that are not listed in EU 10/2011 on plastic materials and articles intended to come into contact with food are in compliance with the following regulations.

"Verpakkingen - en Gebruiksartikelenbesluit (Warenwet) 01.10.1979" published in the "Nederlandse Staatscourant" of 25.01.1980 and subsequent amendments.

Royal Decree 847/2011 of 17 June, establishing the positive list of permitted substances for the manufacture of polymeric materials intended to come into contact with food, with the same restrictions and limitations and for the same applications as authorized by The Netherlands in accordance with the principle of mutual recognition established by the Treaty on the Functioning of the European Union.

Furthermore all components are in compliance with the following regulation the Federal Drug and Cosmetic Act for the use in adhesives according to FDA Regulation 21 CFR 175.105 providing that the product is used subject to limitations found in the mentioned section.

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