

# **TECHNICAL DATA SHEET**

# Recyclable paper

### **Product name:**

Film customised with the client's branding, and produced in rolls or in pouches:

- Stand-up pouches/Doypacks
- Flat pouches
- Rolls of different lengths with an internal plastic core (min 50 mm max 750 mm)

At the customer's request, the following can be added to the stand-up pouches/Doypacks and flat pouches:

Hole/euro slot

#### **Constituent materials:**

Laminated paper/plastic film (PE on inside)

# **Composition of multi-layer film – PAPER + PE EVOH PE:**

COMPONENTS	VALUES	
ONE-SIDE COATED PAPER	80 g	
Adhesive	4 g	
PE EVOH PE	30 μm	
TOTAL THICKNESS	110 μm	



<sup>\*</sup>The thickness and weight of the ink vary depending on the customer's artwork.

The values have a tolerance of +/-5%

## **Physical and chemical properties:**

PROPERTY	METHOD	UNIT	VALUE (BONDED MATERIAL)
GRAMMAGE	In-house method	g/m²	114 +/- 5%
INITIAL BONDING TEMPERATURE	In-house method	°C x sec	175-180 x 0.20-0.30
WATER VAPOUR PERMEABILITY	ASTM F1249-06	g/m2	4.8 +/- 5%
OXYGEN PERMEABILITY	ASTM F2622-08	ml/m2 24 hours 1 atm	0.80 +/- 5%
CARBON DIOXIDE PERMEABILITY	ASTM F2476-05	ml/m2 24 hours 1 atm	2,5 +/- 5%

Permeability test conditions: OXYGEN 23°C/0% RH – WATER VAPOUR 38°C/90% RH The values have a tolerance of  $\pm$ -5%

#### **General conditions of use:**

Flexible packaging suitable for contact with all types of food, except for fatty foods or foods with fatty substances on the surface.

(See declaration of compliance for food contact materials supplied with the product, under general conditions of use).





Table 1. Results: recyclability key parameters						
Parameter	Unit	Result	Minimum value	Maximum valute		
Coarse reject	%	36.7	36.5	37.0		
Flakes	%	12.3	11.8	12.8		
Macrostickies ø < 2000 μm	mm£/kg	< 500	< 500	< 500		
Adhesivity		Absent				
Optical inhomogeneities		level 3 on white ba	ase			

#### **RECYCLABLE WITH PAPER - ATICELCA ® 501 - level C**

The values given above were assessed in accordance with UNI 11743:2019.



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## **Storage:**

- Store the product in a dry, protected, clean place and in closed packages to prevent contamination.
- Store out of direct sunlight and at a temperature not exceeding 30°C and not less then 15°C.

# Filling:

- Do not fill the bag more than 2/3 of the capacity
- Allow air to exit before closing and sealing

### **Transport:**

- Pack your product carefully. We recommend the use of shock-protective material on the bottom of boxes and sides of envelopes (e.g., bubble wrap or air cushions)

# **WARNING!**

- The printed colour may differ from what you see on the screen: this is normal and depends on several technical factors such as the calibration of your monitor, the colour gamut of the inks, the material being printed on, the finish applied.
- Colour fading may occur on the welds.

Forms of packaging and/or protection:				
Packing:				
<b>Pouches:</b> Cardboard box + plastic air cushions <b>Rolls:</b> Wooden pallet or cardboard box + bubble  wrap if required				
Applicable framework laws:				
Environmental  compliance:  PAPER PACKAGING				

Regulation (EC) 1935/04
Regulation (EC) 2023/06
Regulation (EU) 10/2011
Italian Presidential Decree 777/1982
Ministerial Decree of 21 March 1973

Environmental compliance:
Directive 94/62/EC
Italian Legislative
Decree 152/2006

