

Eco Pouch 50 Micron Specification Sheet

Structure

– 19µ NK / Ink / Adhesive / 30µ Sealant web

Application

– Vacuum pouches for food and non-food applications. The Bio-Polymer sealing surface is approved for food contact, European Directive EC2002/72. Eco Pouch is not recommended for the storage of liquids.

Characteristics

All Materials including inks and adhesives conform to EN13432 Packaging: requirements for packaging recoverable through composting and biodegradation. No intentionally added Genetically Modified Organisms (GMO) in this construction.

Suitable for Sous Vide applications under certain conditions.

See website for more details - www.thevacuumpouch.co.uk/ecopouch/

Specification	Unit	Tolerances		
		Min	Target	Max
Thickness	µm	45.9	51	56.1
Yield	gsm	60.75	67.5	74.25
COF (A/A Dynamic)		0.20	0.30	0.40
WVTR 38°C 90% RH (ASTM E96)	g/m ² /24hrs		<14	
OTR 23°C 0% RH	cc/m ² /24hrs		<1	
Sealing Range (15psi 0.5sec dwell)	°C	80	100	140
Heat Seal Strength	g/25mm		<600	
Tensile Strength MD	N/mm ²		71.46	
Tensile Strength TD	N/mm ²		34.60	
Elongation To Break MD	%		16	
Elongation To Break TD	%		44	
Tear Strength MD	mN		750	
Tear Strength MTD	mN		1350	
Quality Management Systems		BRCGS AA Grade Approved		



Storage & material handling condition recommendation:

The vacuum pouch products packed or unpacked products cannot be stored outside – protect from rain, direct sunlight and odours. Product should be stored in a clean, cool, dry place at room temperature not, ideally 17-23°C. The product must be stored properly and avoid direct contact to floor, walls. And away from boilers, heaters, radiators, chemicals, water etc. Please remove all the packaging material before using the products. This film is suitable for usage for 12 months from the date of the production.

Eco Pouches are range of natural products, including paper, eucalyptus fibre, cassava and corn starch, suitable for food contact according to European Directive EC2002/72. All information given on this datasheet is approximated value, correct to our best knowledge and relates to unformed film only. Typical values not specified limits. The Vacuum Pouch Company assumes no liability for any loss or damaged for use of this data sheet. The Vacuum Pouch Company is not responsible for checking our product's suitability for proposed application. Therefore we disclaim any liability for the damages or losses arising from the non suitability of our products for the effected application. This is only for the guidance purpose and not valid for any legal binding, liabilities, warranty, claims, guarantee or for advertisement. For connection any use of this information. No contractual relationships are established here by.



BRCGS

BRC Accreditation

Packaging Materials

The Vacuum Pouch Company is very proud to have attained it's AA rating (for the 3rd year running) under the BRC Global Standard for Food Packaging Materials.

CERTIFICATED

Site Code – 2031250



Made in the UK

At our purpose-built 'AA' Rated BRC accredited facility



Ocean Friendly

Dissolves when exposed to marine environments



Compostable

Under domestic and commercial composting conditions



Biodegradable

Made in the UK from 100% natural materials



PLA Free

Does not contain PLA (Poly-L-lactic Acid) bioplastic material



GMO Free

No intentionally added Genetically Modified Organisms (GMO)