



# **ECO-FRIENDLY PACKAGING**

## **PRODUCT INTRODUCTION**



### Production concept

Environmentally friendly is used to refer to a good, service, building, law or policy that causes less damage to the environment. In the context of the gradual deterioration of the global natural environment, countries around the world have gradually realized this concept for the sustainable survival of all human beings. This issue is closely related to everything in the lives of all human beings. In addition to the governments and corporate producers of various countries starting to independently promote environmentally friendly production methods, the global consumer public has also begun to face up to their own consumption patterns. Whether it is harmful to the global natural environment impact caused.

In order to make our tape products conform to the world trend of plastic reduction, carbon reduction, sustainability and environmental protection, we actively invested in the research and development and manufacturing of Eco- friendly products in 2019, and officially launched a series of Eco-friendly packaging materials in 2022.



# R-PET TAPE

1. Advanced performance - suitable for heavy packaging, valuables packaging.
2. The adhesive system can be used in low temperature conditions.
3. PET film has a 100% recycling rate & great environmental protection value.
4. Environmentally friendly glue does not contain nonyphenol and is harmless to the human body.



Carbon Footprint Reduction



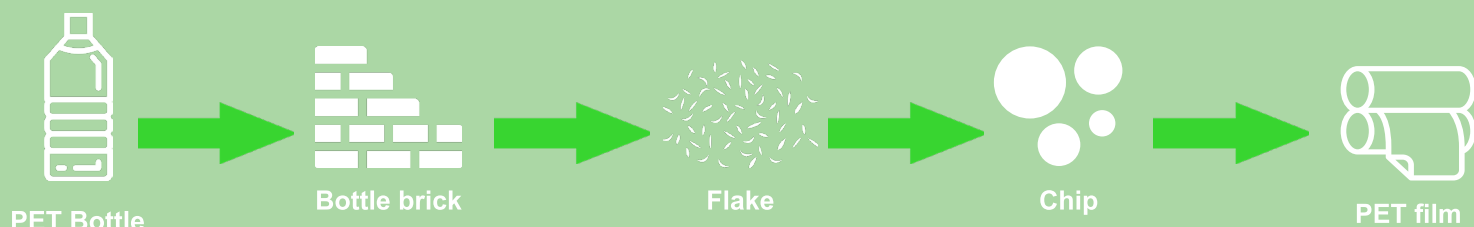
Temperature Resistance



Recycled Material 50% up



Durable



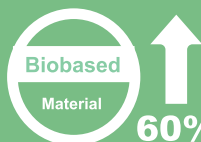


# KRAFT TAPE

1. Easy to tear and easy to use, also can be written and printed.
2. Not only for packaging purpose, but a flexible tool when DIY.
3. Can be recycled together with the carton without special removal.
4. High paper strength (high fiber) and good viscosity, suitable for heavy packaging.
5. Uncoated, base material free of plastic.
6. 60% bio-based material.



Recycling Friendly



Biobased Material 60% up



-10°C

Temperature Resistance



Heavy Duty



The mark of  
responsible forestry

Look for our FSC™-certified products



Crack



Filter



Recombine

# C<sup>+</sup> TAPE

1. The world's first biodegradable OPP packaging solution – completely biodegradable membrane leaves no microplastics or toxic substances.
2. The decomposition rate reaches 90% within 180 days, and the membrane material complies with the British PAS9017 certification, so you can use it safely.
3. Relatively competitive price compared to other biodegradable materials.
4. Water glue that can be used in low temperature environment.



Recycling Friendly



Corrugated Box OK



Temperature Resistance

-10°C



All Purpose



Functions Normally

Product Service Life



Disintegrates  
into tiny particles

Up to 2~4 months



Biodegradable leftovers

Up to 24 months



# R-OPP TAPE

1. Backing is made of 100% Post-Industrial Recycled BOPP film.
2. Eco-friendly emulsion acrylic adhesive does not contain nonylphenol and is harmless to human body.
3. Can be used in low temperature environment.
4. Relatively competitive price among all eco-friendly packaging solutions.



Plastic Reduction



Recycled Material 50% up  
50%



-10°C

Temperature Resistance



All Purpose



Broken OPP



Bottle brick



Flake










Chip



ROPP Film

## Industrial packaging tape selection guide

Usage environment	Packaging material	Eco-friendliness	Transparency	Noise level	Usage	Suggested product
Low Temperature	Recycled carton	Highly eco-friendly	Transparent	Low noise	General	XA442 
				Regular	General	C+ 
		Eco-friendly	Transparent	Regular	Light-duty	ROPP (#10905)40mic↓ 
				Regular	General	ROPP (#10905)40~65mic XH28J 
				Regular	Heavy duty	ROPP (#10905)65mic↑ XH235 
	Non-recycled carton	Non eco-friendly	Crystal clear	Low noise	General	123U0
					Heavy duty	125N0
				Regular	Light-duty	X12KL
				Regular	General	X123P0
				Regular	Heavy duty	X124N0
			Transparent	Low noise	General	122Y0
				Regular	General	12700
					Heavy duty	12400
Room Temperature 16~30°C	Recycled carton	Highly eco-friendly	Transparent	Regular	General	XH433 
			Non-transparent	Regular	General	XH310 
		Eco-friendly	Crystal clear	Regular	Heavy duty	XH23M / XH24M
			Transparent	Regular	Light-duty	H27A0 H27B0
					General	H28F0 / H27C0 / H2130
					Heavy duty	H2500 / XH251
	Non-recycled carton	Eco-friendly	Crystal clear	Regular	Light-duty	WOPP(#95106)43mic↓
					General	WOPP(#95106)43mic↑
			Transparent	Regular	Light-duty	WOPP(#95106)43mic↑
					General	WOPP(#95106)40~65mic
					Heavy duty	WOPP(#95106)65mic↑

## The Performance Comparison Table of WOPP tape and eco-friendly product

ITEM	Regular WOPP	C+ TAPE	R-PET XA442	R-PET XH433	ROPP	KRAFT TAPE XH310
Adhesive	Water based	Water based	Water based	Hot-melt based	Water based	Hot-melt based
Thickness	45mic	45mic	45mic	45mic	45mic	120mic
Adhesion to steel (kg/cm)	0.18	0.22 up	0.22 up	0.36 up	0.22 up	0.6 up
Cohesion (minute)	1800	2880 up	9999	9999	2400	1440 up
Tensile Strength (kg/cm)	2.7	2.45	3.45	4.14	2.8	6







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