

XJO116 hot melt adhesive film product introduction and TDS

Introduction to products and uses:

Hot-melt adhesive film, also called hot-melt double-sided adhesive, is a film-like hot-melt adhesive product that has different components and can be easily laminated.

The composition of the XJO116 hot melt adhesive film is PO (polyolefin), it does not have a backing paper, has a mid-temperature melting point, has no elasticity, is transparent in color, and has good washing resistance. It is more suitable for bonding textile fabrics, metal sheets and other materials, and has applications in apparel, home textiles and industrial products.

Applicable bonding materials:

- Textile fabrics
- Metal foil
- Sponge foam
- Timber board
- Genuine leather
- Paper

Applicable fields:

- Clothing
- Home textile interior
- Daily necessities
- Shoe Material Field
- Architectural decoration
- Fabric bonding in the luggage industry

Characteristic:

- Good adhesion to cloth and metal flakes
- Not easy to yellow and age
- Transparent color, no elasticity
- Good washing resistance

Technical Data Sheet

Product name		Hot melt adhesive film	
Model		XJO116	
Ingredient		PO (Polyolefin)	
Color/shape		Transparent/film shape	
With release paper		NO	
Melting range (°C)		100-115	
Melt Index (MI) (GB/T 19466.3)		45-55	
Density (g/cm ³) (GB/T13354-1992)		0.9-1.0	
Customizable thickness range (mm)		0.05-0.60	
Customizable wide range (mm)		5-1500	
Customizable length of each roll (meters)		5-500	
Recommended use parameters	Use temperature (°C)	125-150	
	Ironing pressure (MPa)	0.1-0.3	
	Ironing time (s)	10-30	
Washability		<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Great
Dry cleaning resistance		<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Great
Elastic force		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> Great
Characteristic		No elasticity, washable	
CAS:		/	
HS code:		3506100090 Adhesives category	
		3920690000 films category	

Product thumbnail:



The conventional length of each roll of different weight products:

XJO116	0.05mm	100 M/roll	XJO116	0.08mm	100 M/roll
XJO116	0.10mm	100 M/roll			

Note: The above data is the conventional length of each roll of products with different weights. If you need to customize the length of each roll, please contact us.

Our product quality is more guaranteed:



Environmental protection

The product has passed the SGS RoHS 2.0 test, no over-standard items, no skin irritation, widely used in the field of children's products, and can be exported to Europe, America, Japan, South Korea and other countries.



Manufactured with advanced equipment

Introducing the internationally advanced film blowing process equipment concept, the produced products have better thickness uniformity, which is convenient for testing the peel strength, and the daily output can be as high as 90,000 meters.



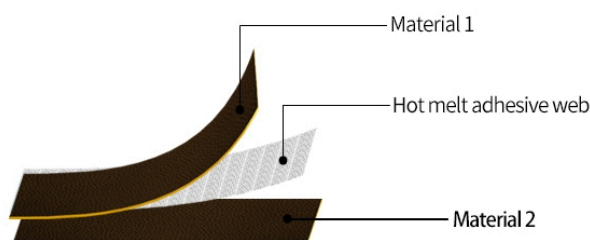
Made of 100% plastic pellets

It is made of 100% original plastic particles, without talcum powder, diluent and powder second-class materials, etc., with stable performance and guaranteed quality. After testing, our 18g product has the same viscosity as a certain company's 25g product.

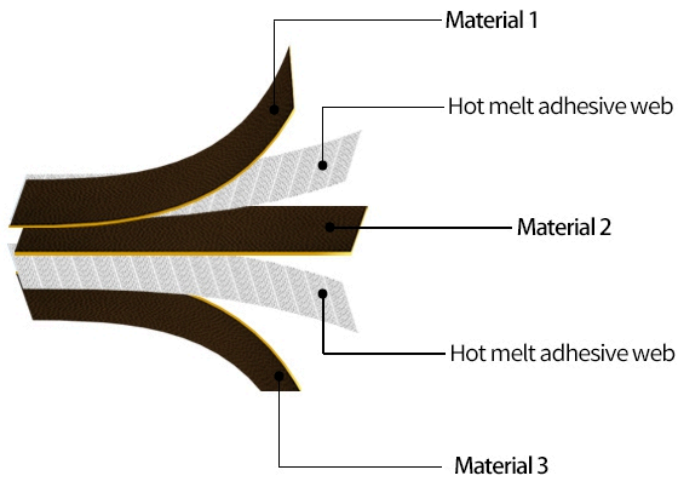
How to use it:

- 1、 Cut the product into a specific shape according to your needs or use it directly.
- 2、 Place the hot-melt adhesive film between the two layers of materials that need to be bonded.
The order of placement is: material 1/hot-melt film/material 2.
- 3、 Use an iron or professional pressing equipment to heat and iron on the material 1 or material 2 side (choose the material on the side that is easy to heat). The pressing temperature is recommended to be around 125-150°C, and the pressing time is 8 to 30 seconds. Conduct heat to the hot-melt film in the middle and melt it to bond with material 1 and material 2 to complete the bonding.

Example: Plan view of double-layer material bonding:



Example: Plan view of three-layer material bonding:



Note:

(1) The ironing temperature is inversely proportional to the ironing time, that is, the lower the ironing temperature, the longer the ironing time is required to ensure the bonding effect, but the minimum ironing temperature must be higher than Product melting point.

(2) After the bonding is completed, place it at room temperature, and after it cools naturally, the peel strength can be tested. In order to ensure the final bonding effect of the product, it is recommended to perform the test again 24 hours after the bonding is completed.

(3) The optimal ironing temperature, ironing pressure, and ironing time vary according to the actual use of equipment and the conditions of the bonded materials. Users need to pass tests continuously to obtain the best values. The usage parameters in the technical parameter table are for reference only, and do not represent the final value of each material.

(4) When the ironing equipment is an iron, try not to turn on the steam of the iron.

Other instructions:



Support non-standard customization

We support non-standard customization, including: width, thickness, length of each roll and other items, etc., please refer to the technical table, please contact us for details.



Provide free samples

We can provide a certain number of free samples to facilitate your test, but you need to pay the shipping cost of the order



About packaging

We have a variety of packaging solutions. Usually the packaging used for the entire roll is: PE bag + PE bubble film, and the inner diameter of the paper tube is 76mm. If you need carton packaging and adding marks, please contact us.



Storage environment

Store in a dry place at room temperature and avoid direct sunlight. Theoretically speaking, the product has no shelf life limit, but it is not recommended to leave it for more than 18 months when it is not in use.

KETAEBO

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