



Shanghai Huishi Package Material Co.,Ltd.

HS-201#20

Polyimide Tape

Technical Data

August, 2017

Product Description Polyimide Tape is an amber polyimide tape with silicone pressure sensitive adhesive. Tape construction is ideal for applications that may require high temperature, chemical, and abrasion resistance with the benefit of transparency.

Product Construction	Backing	Adhesive	Color	Standard Roll Length
	Polyimide	Silicone	Amber	36 yds. (33 m)



Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purpose

		Test Method
Adhesion to Steel:	≅ 3N/25mm	GB/T 2792-2014
Tensile Strength:	≅ 135N/25mm	GB/T 30776-2014
Elongation at Break:	≅ 30%	GB/T 30776-2014
Dielectric Strength:	≅ 4KV	GB/T 14517-1993
Backing Thickness:	0.025mm	GB/T 7125-2014
Total Thickness:	0.04mm	GB/T 7125-2014
Temperature Use Range:	Up to 500°F (260°C)-5min	

Features

- Polyimide films offer excellent thermal, abrasion, and chemical resistance while maintaining their flexibility.
- Amber color makes tape placement obvious for both application and removal.
- Thin backing leaves a sharp paint line and some conformability.
- Silicone adhesive offer high heat resistance, reducing failure due to softening, oozing, and adhesive transfer.
- Silicone adhesive removes cleanly with no glue residue.

Application Ideas

- Masking parts for powder coat painting.
 - Masking edges of overlap seams in metal bonding process where excess adhesive flows onto tape. Minimizes clean-up on tape removal.
 - PCB,SMT masking protection in electronics
 - H-class insulation protection for electrical devices like transformer and capacitor
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Storage

Store under normal conditions (25 °C ± 2 °C) * (65% ± 5% RH) avoid direct sunlight in the original packaging material

Shelf Life

To obtain best performance, use this product within 12 months from date of manufacture.

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that we believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use

Many factors beyond HS's control and uniquely within user's knowledge and control can affect the use and performance of a HS product in a particular application. Given the variety of factors that can affect the use and performance of a HS product, user is solely responsible for evaluating the HS product and determining whether it is fit for a particular purpose and suitable for user's method or application.

Limitation of Liability

Except where prohibited by law, HS will not be liable for any loss or damage arising from the HS product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability

This Industrial Adhesives and Tapes was manufactured under a quality system registered to ISO 9001:2015 standards.

**HS holding
Shanghai Huishi Package Material Co.,Ltd.**

5 Floor,Building B1 ,No. 161 ,Zhenye Road, Dongjing Town,
Songjiang District,201619 Shanghai,China.

Tel: +86 021 67690018

Fax:+86 021 67690873

Web: www.chinahstape.com