

## Technical Data Sheet HS-330

### Product description

HONGSHI HS-330 is water-based emulsion of Vinyl Acetate and Ethylene (VAE), no organic solvent, plasticizer, formaldehyde and APEO to be added during production process, therefore the emulsion of HS-330 has pleasant odor, is an eco-friendly waterborne adhesive.

### Product property

- HS-330 has high ethylene content, soft film, high elongation and good water resistance.
- HS-330 has good bonding strength, suitable for a variety of smooth and porous substrate bonding, such as paper, cardboard, cotton, foam, wood, metal, etc., especially suitable for bonding difficult to stick substrates, such as plastic film and paper, cotton, wood, etc. The emulsion has good water resistance, high wet bonding strength between the substrates, fits for high wet bonding strength requirements.
- HS-330 has good thickening response to solvents, plasticizers, and tackifying resins.
- HS-330 can maintain high stability in different pH ranges.
- HS-330 has good compatibility with other water-based emulsions, such as polyurethane, acrylate and butyl benzene, can mix with them for use.
- HS-330 also has excellent environmental protection, low odor, low VOC.

### Technical data

Property	Method	Result
Appearance	Visual	Milk white liquid
Solid content	GB/T 27573	54.5~56.5%
Viscosity (4# 20rpm 25℃)	GB/T 27573	2000~4000 mPa.s
pH	GB/T 27573	4.0~6.0
Tg	Hongshi method	Approx. -12℃

### Application

HS-330 can be used as an adhesive in the following areas:

- The bonding of plastic film to paper, cotton cloth and wood.

## VAE Emulsion



- Packaging adhesive, paper and cardboard adhesive.
- Fabric lamination, shoe making and leather application.
- Soft film laminated composite, vacuum suction plastic.

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### Storage

- The suitable storage temperature for HS-330 is 5~37℃.
- If HS-330 is not used up after opening, the opening must be sealed as soon as possible to avoid emulsion crusting due to drying.
- HS-330 has a shelf life of 6 months when unopened and stored under appropriate conditions.
- After long-term storage of HS-330, recommend stirring it before use.
- Since the pH of this product is acidic, it is not suitable to store HS-330 with iron container equipment directly. It is recommended to use stainless steel, ceramic, plastic and other material containers for storage.

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### Packaging

- ISO Tank
- Flexible Tank
- IBC tank
- 220Kg Drum
- 50Kg PE Drum

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### Transportation

Ensure complete and sealed packaging during transportation to prevent microbial and crusting risk.

*This information is based on the description of the product and its current knowledge of the product in consideration of the need for safe use. But these data do not serve as a guarantee for some specific application scenarios. It is the responsibility of the product user to ensure that the formulation is suitable for the purpose of its use. Hongshi is not responsible for any risk arising from such information. At the same time, according to the needs of product development and technological progress, Hongshi will reserve the right to update the product data. (06-2024)*

**Hongshi (Jiangsu) New Material Technology Co., Ltd.**  
No. 15, Huadian Road, Chemical Industry Park,  
Yangzhou City, Jiangsu Province, China

**Hongshi Shanghai Business, Marketing and Technical Centre**  
63#-6F, No. 421, Hongcao Road, Xuhui District, Shanghai, China  
Tel: +86-21-33633506 Email: hongshi@yuhong.com.cn