



# Nanjing Koptech New Material Co., Ltd.

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## PET Film

### Product Feature

- The product is **PET Film**, with release type and non-release type, produced with slice stretching process.
- **Product details are customizable**, such as roll width, corona treatment, silicone oil coating, transparency and etc.
- **PET film** is widely used in mold release of FRP pipes, storage tanks, containers and product surface calendaring.
- **PET film** is an engineering plastic film with excellent comprehensive performance. The PET plastic molecular structure is highly symmetrical and has a certain crystal orientation ability. It has high heat resistance, good chemical resistance, excellent mechanical and electrical properties.



### Main application

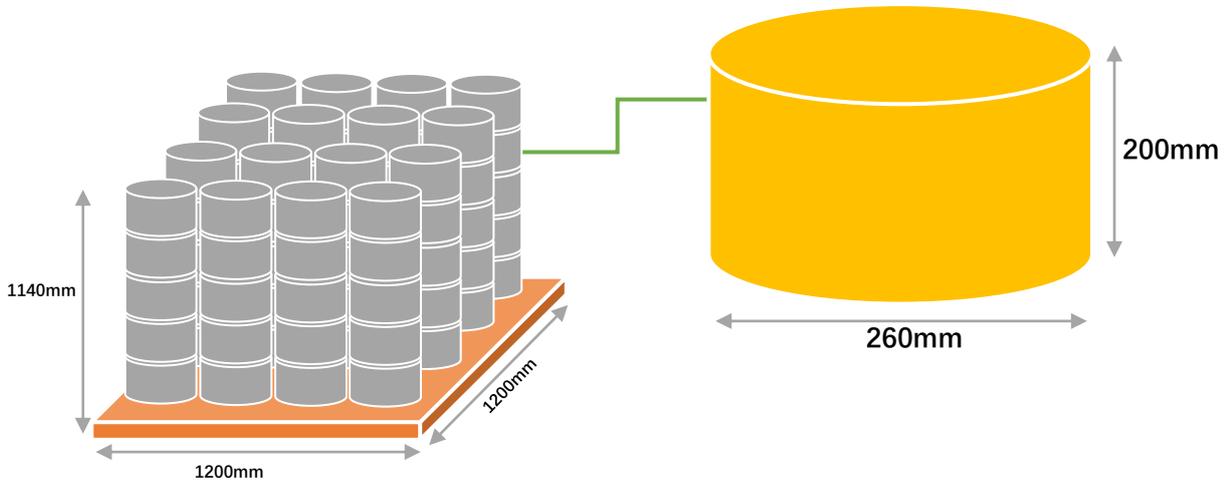
- **Packaging & Printing**
  - Gift box decoration
  - Plastic Bags/pouches
  - Flexible circuit printing.
- **FRP mould releasing**
  - Winding Process.
  - Hand-layup Process
  - FRP tank, pipe, wind, wind blade
- **Electronic Component**
  - Electrical insulation
  - Precision machine bearings

### Basic Parameters

Item Code.	Thickness ( $\mu\text{m}$ )	Release Force	Silicone Coating	Width (mm)	Tensile Strength (N/50mm)	Thermal Shrinkage %	Heat Resistance $^{\circ}\text{C}$
BOPET-013	13	Non Release Light: 3g-5g Regular:10g-15g	Non-coating Single Side Double Side	20-1500	200	1.0	Instant Temperature Resistance:180 $^{\circ}\text{C}$
BOPET-019	19						
BOPET-025	25						
BOPET-030	30						Operating temperature:140 $^{\circ}\text{C}$
BOPET-036	36						
BOPET-040	40						
BOPET-050	50						
BOPET-075	75				Melting point:256 $^{\circ}\text{C}$		
BOPET-100	100	180	1.2				

## Packaging

Conventional packaging (e.g.: Thickness: 30 $\mu$ m, Width: 200mm, Length: 1680m):



Pallet Size: 1200\*1200\*140mm

Other specifications of pallets or wooden box/frame can be customized.

## Transportation

Avoid moisture, squeezing, and stacking heavy objects during transportation.

Appropriately reducing the width of the rolls at the container entrance for packing need.



## Storage & Use

### Storage:

Store in a dry, ventilated place to avoid moisture.

Sufficient storage space should be reserved to avoid squeezing and stacking.

**Recommended period of use** : within 6 months.

The information provided in this data sheet is based solely on our knowledge gained in the laboratory and in practice. Most parameters can be adjusted through product adjustment to meet the needs of use.