

PET Release Film

Description

PET release film is made of polyethylene terephthalate (PET) as carrier, coated with 0.2 μ m ~0.9 μ m silicon. The film is uniform coated and very smooth and clean without wrinkles/tears/granules/bubbles/pinholes or other defects. The film has excellent mechanical properties, heat resistance, and very low cost.

Features

- ◆ Excellent dimensionally stability, flexibility and high temperature resistance
- ◆ Durable, lay-flat, strong tensile strength
- ◆ High tear strength, chemically inert, and good adhesion properties
- ◆ Multi-color selection

Uses

- ◆ Release liner for self-adhesive waterproof membranes and other waterproof materials, adhesive tapes.
- ◆ For cables production, packaging materials
- ◆ Release liner for cast materials, electronic applications, ceramic capacitors, window materials, printing, and advertisements



Type and Specification

Thickness, mm	0.02 – 0.50 or customized
Width, m	0.05 – 2.02 or customized
Length, m	3000 or customized
Color	Red, blue, white, transparent, milky white, or customized
Thickness of silicon layer, μ m	0.2 ~ 0.9 or customized
Density, g/cm ³	1.4

Technical Data

No	Item	Direction	Index
1	Tensile strength, MPa \geq	Longitudinal	140
		Transverse	140
2	Elongation at maximum tension, % \geq	Longitudinal	90
		Transverse	90
3	Thermal shrinkage ratio, 120 $^{\circ}$ C*10 minutes, \leq	Longitudinal	0.6
		Transverse	0.6
4	Thermal stability, % \leq	Longitudinal	0.4
		Transverse	0.4
5	Release force, g/cm ²	Customized	
6	Heat resistance, 200 $^{\circ}$ C, 60 minutes	No bubbles, no laminating, no crack	
7	Remainder adhesion plaque rate, % \geq	80	
8	Turbidity degree, % \leq	3.5	

Packing and storage

4 rolls/pallet depending on the length of the roll.

Store away from sources of punctures and physical damage. Keep dry and store away from ignition sources and open flame.

Shelf Life: Unlimited