



1. Product Overview & Applications

BOPP Heat Sealable Film is a high-performance biaxially oriented polypropylene film designed for flexible packaging applications requiring excellent heat-sealing properties. With superior optical clarity, mechanical strength, and moisture resistance, this film ensures product freshness and extends shelf life. It is widely used in food, pharmaceuticals, and personal care packaging.

- Food Packaging: Suitable for snacks, confectionery, and processed food pouches.
- Pharmaceutical Packaging: Ensures protection for tablets, capsules, and medical supplies.
- Personal Care Products: Ideal for sachets and pouches for hygiene and beauty products.
- Industrial & E-commerce Packaging: Used for protective wrapping and tamper-evident seals.

2. Technical Specifications

Product Code		15PS/18PS/19PS/20PS/22PS/25PS/25PS1/28PS/28PS1/30PS/ 30PS1/30PS2/35PS/40PS/40PS1/50PS/30PV/40PV/40PV1/50PV		
Item		Unit	Value	Testing Standard
Thickness tolerance		%	±3	GB/T6672
Average thickness tolerance		%	±6	GB/T 6672
Tensile strength	MD	Mpa	≥120	GB/T 13022
	TD		≥200	
Elongation at break	MD	%	≤160	GB/T 13022
	TD		≤80	
Heat shrinkage	MD	%	≤4.5	GB/T12027
	TD		≤3.0	
Coefficient of friction(Non-treatment side/Non-treatment side)		/	≤0.6	GB/T 10006
Wetting tension		mN/m	≥38	GB/T14216
Heat sealing strength		N/15mm	≥2.0	QB/T 2358
Gloss		%	≥85	GB/T 8807
Haze		%	≤2.5	GB/T 2410
Water vapor transmission rate		g/(m ² • 24h • 0.1mm)	≤2	GB/T 1037

3. Additional Features

- Broad heat sealing range.
and
- High sealing strength.
film's properties, affecting its
- Low haze.
heavy stacking to prevent
- Excellent slippery.
sealing
- High stiffness.
- Quick heat sealing property.

4. Storage & Handling

- Store in a cool, dry environment with temperatures between 10° C and 30° C
humidity below 60% to prevent film deterioration.
 - Prolonged exposure to heat and UV light can alter the
sealing and mechanical strength.
 - Store rolls horizontally and avoid excessive pressure or
deformation and damage.
- Keep the film in a clean, dust-free environment to maintain its clarity and
efficiency.

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