Types	Category	Typical Thickness	Differences	Commonalities	Applications	
Optical Film	**Regular Printing Bag Film**	15、18、23、25、27、32、37、46μm	1、Low static electricity performance. 2、 Excellent flatness.	1. High transparency and glossiness. 2. Excellent mechanical properties. 3. Outstanding oxygen and oil resistance. 4. Exceptional ink and coating adhesion.	1、Food Packaging	- Items like potato chips, cookies, candies, bread, fast food, and frozen food benefit from it as it preserves freshness, prevents moisture, and protects the food, while also allowing for branding and marketing information through
					2、Beverage Packaging	- For beverages such as juice, milk, water, coffee, etc., it can be crafted into various packaging styles, including stand-up pouches, sealable bags, and straw
					3、Cosmetic and Personal Care Product Packaging	- Used for products like toilet paper, tissues, laundry detergent, shampoo, etc.
					4、Clothing Packaging	- Some clothing brands use it to protect their products from dust and moisture.
					5、Pharmaceutical Packaging	- Ensures the safety and hygiene of products.
					6、Retail Packaging	- Applied in gift bags, shopping bags, book packaging, hotel amenities
					7、Agriculture and Agricultural Product	- Utilized for agricultural products like vegetables, fruits, meat, and dairy.
	High-Transparency Light Gravure Printing Film	15、18、23、25μm	1、Outstanding light mesh printing performance. 2、Excellent anti-static performance.		1、Food Packaging	- Fresh fruits, vegetables, candies, cookies, pastries, etc., can incorporate branding and product information through printing.
					2、Beverage Packaging	- Commonly used for bottled water, fruit juice, beverage cans, etc.
					3、Stationery and Office Supplies Packaging	- Used for packaging stationery, folders, envelopes, and files, among other office supplies.
					4、Gift Packaging	- For gift bags, packaging boxes, ribbons, etc., it enhances the visual appeal of gifts and provides effective protection.
					5、Electronics Product Packaging	- Items like mobile phones, tablets, headphones, etc., use it to display product information and brand identity.
					6、Book and Magazine	- Enhances the appeal and protection of book covers.
					7、Advertising and Promotional Materials	- Employed in the production of promotional flyers, display graphics, signage, advertising posters, etc.
					8、First Day Covers, Commemorative Covers	- Utilized to showcase stamps and postal commemorative events.
	Tape Film	23、25、27、35μm	1、High tensile strength. 2、Exceptional dimensional stability. 3、Good water vapor barrier		Commonly used as the substrate for manufacturing adhesive tapes.	
	Glossy Film	10、12、15μm	1、Exceptional scratch resistance. 2、Exceptional dimensional stability.		1. Book and Magazine Covers	- Enhances gloss and visual appeal while preventing cover abrasion and
					2. Greeting Cards and	- Boosts the vibrancy of colors while protecting the printing.
					3. Advertising and Promotional Materials	- Used in advertising materials like brochures, pamphlets, posters, and promotional cards to enhance gloss and texture.
					4. High-End Packaging Boxes	- Elevates the appearance of items like wine boxes, cosmetics cases, and jewelry
					5. Home Decor	- Applied on furniture, cabinets, and decorative materials to increase gloss and protect the surface.
					6. Stickers and Labels	- Some stickers and labels use gloss film to provide waterproof and abrasion resistance, ensuring label durability in wet environments.
					7. Automotive Exterior	- In automotive color change wraps, it enhances the body's gloss and provides protection while allowing for changes in the car's color.
					1. Packaging Industry	- Used in food, pharmaceutical, and other consumer goods packaging to provide properties like food preservation, moisture resistance, airtightness, tear resistance, and visual appeal.
					2. Printing Industry	- Employed on book covers, magazines, brochures, packaging boxes, and greeting cards to enhance appearance and durability.

	Composite Glossy Film	10、12、15、18μm	1、Exceptional scratch resistance 2、Outstanding flatness.		3. Electronic Product Protection	- Used as protective films for items like smartphones, tablets, and TV screens to prevent scratches and damage.
					4. Vehicle Customization	- In automotive customization, it's used to change the car's color and texture while providing protection.
					5. Industrial Applications	- Also utilized in industrial applications, such as protective films during painting processes, high-temperature wear-resistant films, and insulation materials.
					6. Medical Applications	- In the medical industry, it can be used for the preparation of medical equipment and consumables, such as medical bags, packaging materials, and
					7. Construction and Decoration	- In the construction field, it's used for decorating walls, windows, furniture, and flooring.
Anti-glare Film	**Composite matte film**	10、12、15、18μm	-	1. High tensile strength. 2. Excellent ink and coating adhesion. 3. High matte performance. 4. Excellent grease barrier properties.	1. Electronic screen protection	- For protecting screens on devices like smartphones, tablets, laptops, and TV screens, it reduces glare and improves visibility.
					2. Curtains and window	- Reducing indoor lighting for privacy and blackout effects.
					3. Interior decoration	- Used on wallpapers, furniture surfaces, floors, and other surfaces to provide a soft appearance and reduce glare.
					4. Vehicle window films	- Some cars and public transport vehicles use it to reduce glare on windows, improving visibility for drivers and passengers.
					5. Photography and videography	- Photographers use it to reduce reflections in photos or videos, achieving better results.
					6. Exhibitions and displays	- Reducing reflections on exhibits to enhance the visual experience of the
					7. Medical equipment	- Some medical equipment uses it to reduce reflections to ensure accurate medical images and diagnoses.
					8. Optical instruments	- In optical instruments, it reduces reflections and improves visual quality.
	Printed matte film	18、23、25μm			1. Book covers and back covers	- Commonly used for book covers and back covers, providing a soft appearance and reducing reflections while protecting books.
					2. Advertising and promotion	- Used to create promotional materials such as brochures, leaflets, posters, and advertising materials to improve print quality, reduce glare, and enhance visual
					3. Packaging industry	- Often used for packaging high-end foods, cosmetics, gifts, etc., providing a soft appearance and high-quality packaging.
					4. Puzzles and games	- Reducing glare on puzzle or game boards.
					5. Interior decoration	- Used on wallpapers, furniture surfaces, floors, etc., to provide a soft decorative effect and improve the indoor environment.
					6. Arts and crafts	- Used to create a soft visual effect and print quality.
					7. Optical instruments	- Reducing reflections, improving visual quality, and enhancing viewing
	Light diffusion matte film	12、15、18μm			1. Printing and packaging	- Commonly used to create brochures, leaflets, business cards, greeting cards, advertising materials, packaging boxes, and bags. It adds a soft gloss effect to these printed materials, improving their appearance.
					2. Cutlery packaging	- For items like plastic food containers, cutlery packaging bags, and napkin packaging, it enhances their appearance.
					3. Cosmetics packaging	- For items like lipstick boxes, foundation liquid bottles, and cosmetic boxes. It provides a soft packaging effect.
					4. Book covers	- Increasing the visual appeal and appearance of books.
					5. Interior decoration	- Used for wallpapers, furniture surfaces, decorations, and home decor items, providing a soft decorative effect.

Heat Seal Film	**Single-side heat-seal film**	15、18、25、27、30μm	1. Good slip performance.	**1. High transparency and gloss.** **2. Excellent oxygen and grease barrier properties.** 3. Excellent heat-sealing strength. 4. Excellent ink and coating adhesion.	1. Food packaging	Used for packaging snacks, candies, biscuits, chocolates, etc. It can be sealed through heat sealing to maintain the freshness and hygiene of the food.
					2. Tea bag packaging	In the production of tea bags, single-sided heat-sealing film is typically used to seal tea leaves, preserving their freshness and preventing moisture from
					3. Pharmaceutical packaging	Used for packaging pills, medicine bags, and medical device packaging. It ensures the sealing and safety of medicines.
					4. Cosmetics packaging	Can be used to seal cosmetic containers, such as lipstick, foundation, and lotion bottles.
					5. Industrial applications	Some industrial products' packaging and sealing also use single-sided heat-sealing film to ensure product preservation and transportation.
					6. Portable packaging	Used for small packaging of cosmetics, medicines, wet wipes, alcohol pads, condiment packaging.
					7. Light industrial packaging	In light industries, it is typically used to seal packaging materials such as tiles, ceramics, and bottled liquids.
	Double-side heat-seal film	12、15、18、25、27、30μm	1. Excellent mechanical properties. 2. Excellent scratch resistance.		1. Food packaging	Used for packaging cooked food, frozen food, coffee packaging, etc.
					2. Tea bag packaging	In the production of tea bags, double-sided heat-sealing film is commonly used to make tea bags, ensuring the sealing and preservation of tea leaves.
					3. Pharmaceutical packaging	Used for packaging pharmaceutical capsules, medicine tablet packaging, and medical device packaging. It ensures the sealing and safety of medicines.
					4. Cosmetics packaging	Can be used to seal cosmetic containers, such as lipstick, eyeshadow cases, and lotion bottles.
					5. Industrial applications	Some industrial products' packaging and sealing also use double-sided heat-sealing film to ensure product preservation and transportation.
					6. Medical device packaging	Used for packaging medical devices, surgical supplies, and surgical equipment, ensuring product hygiene.
					7. Chemical packaging	Can be used for packaging chemicals, liquid detergents, and liquid products to prevent leakage and contamination.
	Tissue paper film	18、20、25μm	1 Good antistatic performance. 2. High stiffness and good foldability.	**1. High transparency and gloss.** **2. Excellent oxygen and grease barrier properties.** 3. Good low-temperature heat-sealing performance, fast heat-sealing. 4. Good thickness uniformity and dimensional stability. 5. Good slip performance.	1. Tissue paper packaging	Tissue film is primarily used for packaging tissues, effectively packaging and sealing tissues to maintain their hygiene and prevent moisture.
					2. Printing and labeling	Some tissue films may have printing capabilities and can be used to print brand logos, product information, and decorative patterns.
					3. Food packaging	In some cases, tissue film can also be used for food packaging, such as tissue packaging used in fast food takeout.
					4. Hygiene product packaging	In addition to tissues, tissue films can also be used for packaging disposable sanitary products, such as wet wipes, sanitary pads, and adult diapers.
	Straw film	18、20、25μm	-		1. Straw packaging	For plastic straws, paper straws, metal straws, etc.
					2. Beverage packaging	For beverages such as milk tea, fruit juice, soda, and coffee. Straw films are typically used to seal the straw holes on beverage cups to prevent splashing and
					3. Hygiene product packaging	Disposable hygiene products, such as straws in disposable mouthwash cups.

Pearlescent Film	**Pearlized film**	25、30、35、40μm	1. Strong light-blocking properties. 2. Good heat sealing performance and excellent ink adhesion. 3. Excellent ink adhesion.	1. High gloss, emitting a pearl-like sheen, with a strong sense of visual fashion. 2. Extremely low density, low weight per unit area, and low cost.	1. Cosmetics packaging	Pearlescent Film - Used for items like lipstick boxes, foundation bottles, eyeshadow containers, and cosmetic packaging to enhance the packaging's shine
					2. Greeting cards and wrapping paper	In greeting cards, gift bags, and wrapping paper, pearlescent film can be used for decoration to make them more appealing.
					3. Book and magazine covers	Some book and magazine covers use pearlescent film to increase visual appeal and stand out.
					4. Advertising and promotional materials	In the field of advertising and promotional materials, pearlescent film can be used to create flyers, brochures, posters, and business cards to improve print quality and attract audiences.
					5. Cutlery packaging	Pearlescent film can also be applied in tableware packaging, such as plastic meal boxes, cutlery packaging bags, and napkin packaging.
					6. Decorations	For interior decoration, pearlescent film can be used on wallpapers, furniture surfaces, and decor items to provide a luxurious appearance with a sparkling
					7. Arts and crafts projects	Pearlescent film is commonly used for crafts and art projects to add artistic flair and appeal to works.
	Pearl label film	28-60μm	1. High rigidity to meet high-speed labeling machine requirements. 2. Strong opacity. 3. Good adhesion with hot melt adhesive.		1. Labels and packaging	Pearlescent Label Film - Frequently used for label production, including product labels, food packaging labels, cosmetic labels, and wine bottle labels. It adds a pearl-like sheen to labels, making products more attractive.
					2. Greeting cards and promotional materials	In greeting cards, brochures, brochures, and posters, pearlescent label film can be used to enhance the visual appeal of materials.
					3. Cosmetics packaging	Cosmetic packaging, like lipstick boxes, foundation liquid bottles, and cosmetic boxes, is enhanced by pearlescent label film, providing a luxurious and fashionable packaging effect.
					4. Book and magazine covers	Some book and magazine covers use pearlescent label film to increase visual appeal and capture attention.
					5. Cutlery packaging	In the tableware packaging field, such as plastic meal boxes, cutlery packaging bags, and napkin packaging, pearlescent label film can be used to improve the
					6. Arts and crafts projects	Pearlescent label film is widely used in crafts and art projects to create artistry and attraction.
					7. Decorations	In interior decoration, pearlescent label film can be applied to wallpapers, furniture surfaces, and decor items, providing a pearl-like sheen appearance.
	Synthetic paper	35-188μm	1. Excellent matte performance. 2. Good stiffness and fold resistance. 3. Excellent ink adhesion.		1. Printed materials and packaging	Synthetic Paper - Commonly used in creating flyers, brochures, labels, greeting cards, advertising materials, packaging boxes, and packaging bags. It possesses printing performance and durability, making print products and packaging more
					2. Signs and signage	Used for making indoor and outdoor signs, billboards, nameplates, product labels, and road signs. It can withstand harsh weather conditions and sunlight, making it ideal for outdoor use.
					3. Shopping bags and tote bags	Some synthetic paper is used to create shopping bags and tote bags, providing strength and durability while maintaining a good appearance.
					4. Menus and restaurant supplies	Synthetic paper is used in restaurant menus, wine lists, tableware packaging, napkins, chopstick bags, and more. It can be used to print menus and wine lists while being water-resistant.
					5. Stickers and label stickers	Synthetic paper is used to create stickers, labels, and sticker labels, such as car stickers, wall stickers, and bottled water labels.
					6. Book covers and dust jackets	Some books use synthetic paper as a cover or dust jacket material, providing durability and appearance.
					7. Greeting cards and cards	Widely used in creating greeting cards, cards, birthday cards, and holiday cards.
					8. Signboards and exhibitions	Can be used to create signboards, exhibition display boards, and conference materials to showcase information and attract the audience.

Cadmium Plating Film	**Standard Holographic Base Film**	15、18、23、25、27、30μm	1、Excellent anti-blocking performanc	1. High transparency and gloss. 2. Excellent mechanical performance. 3. Outstanding metal adhesion. 4. Exceptional dimensional stability	1、Decorative Materials	Such as furniture surfaces, wall decorations, door and window finishes, etc. It gives these surfaces a unique holographic luster, enhancing the aesthetics of
					2、Cards and Greeting Cards	Widely used in the production of credit cards, ID cards, membership cards, greeting cards, and holiday cards. It imparts a unique holographic effect to these cards, enhancing their security and attractiveness.
					3、Wine Bottles and Beverage Packaging	Can be used to make wine bottle labels, beverage bottle labels, and seal labels.
					4、Printed Materials	Can be used in the production of brochures, flyers, pamphlets, business cards, and book covers to enhance visual appeal.
					5、Cosmetic Packaging	Such as lipstick boxes, foundation bottles, and cosmetic boxes. It provides a luxurious and fashionable packaging effect.
					6、Party and Event Decorations	In parties, weddings, and special events, plain holographic films can be used to decorate venues, dining tables, and decorations to enhance the decorative effect.
	Transfer Holographic Aluminum-Coated Base Film	15、18、23、25、27、30μm	1 、Outstanding scratch resistance.		1、Wine Bottles and Beverage Packaging	Used for wine bottle labels, beverage bottle labels, and seal labels, providing a high-end and unique metallic effect for packaging.
					2、Cosmetic Packaging	Widely used in cosmetic packaging, such as lipstick boxes, foundation bottles, and cosmetic boxes. It provides a luxurious and stylish packaging effect.
					3、Book Covers	Some book covers use this film to increase the visual appeal and make them eye-catching.
					4、Greeting Cards and Card Making	Can be used to make greeting cards, holiday cards, and cards to provide a unique metallic luster effect.
					5、Packaging Boxes and Gift Wrapping	Can be used to decorate boxes, packaging bags, and gift packaging to enhance the appearance and attractiveness.
					6、Signage and Labels	When manufacturing signs, signboards, product labels, and road signs, it can be used to enhance the metallic effect and durability of the signage.
					7、Interior Decor	Such as wallpaper, furniture surfaces, decorations, and home decor items, to provide a metallic effect and unique decoration.
	Aluminum-Coated Base Film	10-75μm	1、Exceptional flatness.		1、Cosmetic Packaging	Such as lipstick boxes, foundation bottles, and cosmetic boxes. It provides a luxurious and stylish packaging effect.
					2、Wine Bottles and Beverage Packaging	Can be used for wine bottle labels, beverage bottle labels, and seal labels, providing a high-end and metallic effect for product packaging.
					3、Greeting Cards and Cards	Widely used in making greeting cards, cards, birthday cards, and holiday cards to increase the visual appeal of cards.
					4、Dinnerware Packaging	Such as plastic meal boxes, dinnerware packaging bags, and napkin packaging, aluminum-plated films can be used to enhance the appearance.
					5、Signage and Labels	When manufacturing signs, signboards, product labels, and road signs, this film can be used to enhance the metallic effect and durability of the signage.
					6、Decorative Materials	Such as furniture surfaces, wall decorations, door and window finishes, etc. It imparts a unique metallic luster to these surfaces.
					7、Packaging Boxes and Gift Wrapping	Can be used to decorate boxes, packaging bags, and gift packaging to enhance the appearance and attractiveness.