

Cosmo Films: About OPP Laminating Films & Their Applications

OPP LAMINATING FILMS



Lamination films are widely used in the print industry to protect the printed surface and provide longevity. These days, lamination films have also made their way into the packaging industry to enhance the product's aesthetic appeal & increase its shelf life. Depending on the application, they can be divided into various categories. In this blog post, we're going to talk about one of these called OPP Laminating Films.

About OPP Laminating Films

Oriented PolyPropylene films, commonly abbreviated as OPP, are one of the most widely used lamination solutions in the world. Engineered with high tensile strength, it flaunts a glossy transparent appearance. These films offer clarity in print and bright finish to a product. It is soft & thus can be easily folded and is resistant to moisture. Below are the details of all features of OPP films:

1. **CLEAR:** Of all the lamination film variants, OPP is considered to be the clearest. This is especially beneficial when it comes to application on printed surfaces to avoid color shift.

2. **DURABLE:** Being flexible, these films turn out to be more durable, thus giving an additional shelf life to the product along with enhanced aesthetics.
3. **USER FRIENDLY:** It can be applied both vertically & horizontally and thus proves to be suitable for many industrial & commercial applications.
4. **AFFORDABLE:** Compared with the substitutes available, OPP makes for a cheaper & cost-effective solution as it not only reduces the expenses but also helps keep the inside contents safe and intact.
5. **VERSATILE:** OPP films are available in multiple textures ranging from matte, gloss, scuff-free and velvet.
6. **FDA APPROVED:** Since this film is approved by the FDA, it can be used for packaging of some food products too.

Film Grades for OPP

Before we could get to the applications, let's check out the different film grades of OPP.

1. Standard BOPP Film: Biaxially Oriented Polypropylene is a variant of OPP films that is known for its excellent clarity, durability and water resistance.
2. Polypropylene (PP): It is a semi-crystalline film that comes with high impact resistance and widely used in the industrial sector.
3. Grade F1 (food grade): For food packaging, Grade F1 films are used to ensure quality & safety of inside contents.

Applications of OPP Lamination Films

OPP films have wide applications, used across multiple industries. Below are the details:

Decorative Packaging: It can be used in the packaging of decorative materials as it adds a mirror-like finish to the product with its amazing finish & clarity.

Pharmaceutical Packaging: For prevention of bacteria when infection control is needed, these are often used for surgical and pharmaceutical packaging.

Talking about some other applications, it is widely used for laminating liquor boxes, perfume boxes, mobile phone boxes, book covers, shopping bags, postcards, photographs and pocket folders.

While it has proven to be highly beneficial, quality remains one of the prime factors that all manufacturers should ensure for optimal results. Cosmo Films, a global leader in specialty films for packaging, lamination & labeling applications as well as synthetic paper, is particularly

known in the industry for its quality products. Adhering to the highest industry standards, Cosmo Films has engineered a range of BOPP films fabricated mainly for high-speed lamination available in both one & dual side finish. For more details, [click here](#).