

PE LAMINATION FILMS

As a result of the continuous modernization of the production process, Gerovit company installed a production line for five-layer blown film of the German manufacturer Reifenhäuser - for the highest optical and mechanical requirements. This enables you to achieve outstanding transparency, gloss, puncture resistance, seal ability, and adjustable shrinkage properties. The production output is 900 kg of film per hour.

We produce films from a wide range of polyethylene materials such as LDPE, LLDPE, mLLDPE, MDPE, and HDPE with the addition of various additive packages.



PE lamination films:

- ✔ Laminated films for the food industry,
- ✔ Laminated films for packaging frozen products,
- ✔ Laminated foils for packaging hot liquid products,
- ✔ Laminated films for packing powder products.

ADVANCED TECHNOLOGY MDO ultra flat films

MDO technology in film production enables the creation of perfectly flat films, free of irregularities, which reduces the consumption of adhesive and ink. If a film with unevenness and slopes is used, the printing speed must be reduced, the print on the film fades, and adhesion is weaker during the lamination process.

Using films produced with MDO ultra-flat technology reduces costs by up to 40%!

Advantages of using MDO ultra flat film

If using a blown film with uneven surfaces and slopes, the printing speed must be reduced, the print on the film appears faded, and adhesion is worse during lamination. This means that an unnecessary amount of adhesive is used when laminating other films, creating wider lines, which can easily be avoided.

- ✔ With MDO Ultra Flat technology, the produced blown film is 40% flatter, meaning better efficiency.
- ✔ Lamination films are produced with a wall thickness of 15-200 microns and in a width range of 150-1800 mm.
- ✔ Films are corona-treated on one side, with a highly precise surface tension value.
- ✔ All films can be standard, two-layer, or three-layer.

Film characteristics

PE lamination films are used as inside and external layers in various laminates to perform, e.g. as seals or surface protection. Due to close cooperation with our customers, we are able to select the most appropriate lamination film types within our standard product range. By combining the highest quality materials and additives, we are able to produce PE lamination film with a wide range of properties such as COF, sealability, seal strength, different anti-static properties, stiffness, toughness, flexibility, coloring, transparency, and gloss...

Films for lamination are produced in the thickness range of 15-200 microns and in the width range of 350-2600mm.

The films were Corona treated one-side, with a very accurate value of surface tension.

All these films can be standard, mono-layer, three-layer, and five-layer films, available in the forms shown on the drawing:



Flat



Folded



Tubular



Gusseted

Film thickness	Film width	Material	Optics	COF	Mechanical properties
<ul style="list-style-type: none"> • from 15 up to 200 microns 	<ul style="list-style-type: none"> • It is possible to do any size from 350mm up to 2600mm *Tubular from 800mm 	<ul style="list-style-type: none"> • LLDPE • LDPE • mLLDPE • HDPE • EVA • Different kind of Plastomers & Elastomers 	<ul style="list-style-type: none"> • High transparent • High glossy • Mat • Different colors 	<ul style="list-style-type: none"> • High slip, • Anti-slip, • Sticky product. *On customer request. 	<ul style="list-style-type: none"> • High toughness, • High stiffness, • High seal strength, • Low sealing temperature, • High tear strength *On customer request.

