

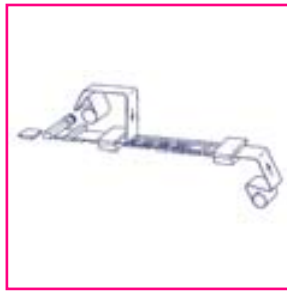
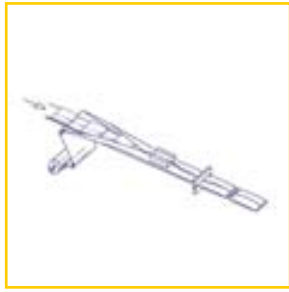
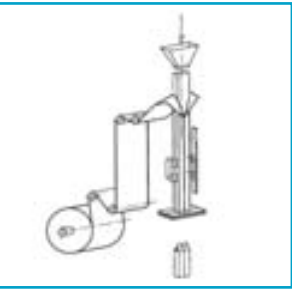


SEALFLEX[®]

A wide range of SEALABLE laminated films, able to meet all the requirements of different packaging lines.

Proteco produces them by laminating:

- a bioriented film → PET - OPA (nylon) - OPP - with features of high mechanical resistance to puncturing, tenacity and dimensional stability
- a heat-sealable PE film



Standard performance of heat-shrink films

- wide range of available thicknesses – from 47 μm to 145 μm
- initial sealing temperature between 110°C and 120°C
- slipperiness – variable COF of between < 0,25 and 0,50, depending on the choice of sealing PE

Special performance of specific formulations

- high HOT-TACK strength
- vacuum packaging
- sealing onto PE
- package air-tightness even in the presence of contamination in the sealing area
- antistatic film

On request, we can provide customised formulations.

All formulations are available in transparent, white or printed using high-quality FLEXOGRAPHY processes, in up to 8 colours.

The width and external diameter of the rolls are adaptable to all packaging machinery.



PEELFLEX[®]

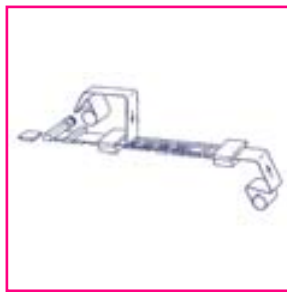
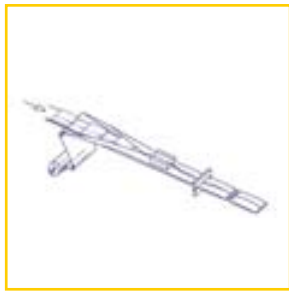
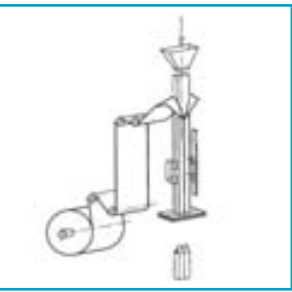
Wide range of PEELABLE laminated films, which guarantee air-tightness of the package combined with easy opening upon consumption.

Peelability of the film allows the package to be opened instinctively, with no need to use tools such as scissors or knives.

Proteco produces them by laminating:

- a bioriented film → PET - OPA (nylon) - OPP - with features of high mechanical resistance to puncturing, tenacity and dimensional stability
- a PE-based polyolephinic film to aid opening

Peelable films are designed to peel on themselves, on standard LDPE or on different supports: thermoformable sheet in PVC, PS, A-PET and PP.



Standard performance of peelable films

- wide range of available thicknesses – from 52 μm to 145 μm
- initial sealing temperature 120°
- slipperiness – variable COF of between < 0.25 and 0.50 depending on the choice of peelable PE

Special performance of specific formulations

- excellent transparency
- tenacity at low temperatures
- vacuum packaging
- package air-tightness even in the presence of contamination in the sealing area

On request, we can provide customised formulations

All formulations are available in transparent, white or printed using high-quality FLEXOGRAPHY processes, in up to 8 colours.

The width and external diameter of the rolls are adaptable to all packaging machinery.

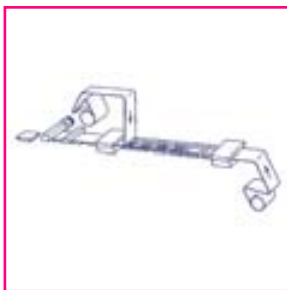
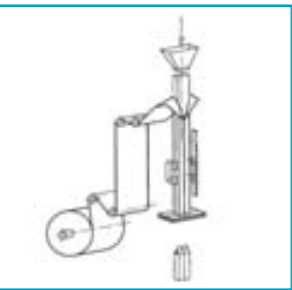


Barrier Film SEALFLEX[®] - PEELFLEX[®]

Wide range of laminate BARRIER films, especially suited for modified atmospheres packaging in order to guarantee product preservation and extend its shelf life.

Proteco produces them by laminating:

- a bioriented film → PET - OPA (nylon) - OPP - with features of high mechanical resistance to puncturing, tenacity and dimensional stability
- a 5-layer coextruded film → PE/adhesive/EVOH/adhesive/PE with excellent gas barrier features (Oxygen, Carbon Dioxide and Nitrogen thanks to the EVOH copolymer)



PEELFLEX® barrier

Laminate barrier films peelable on PE, with cohesive peelability features.

Cohesive peelability consists in the formation of a fracture between the two sealing materials, at constant trigger and propagation energy (peel force).

This characteristic guarantees absolute packaging security, as an energy threshold must be breached in order to open the package without destroying it.

- wide range of available thicknesses – from 52 µm to 125 µm
- initial sealing temperature 120°
- slipperiness – variable COF of between < 0,25 and 0,50 depending on the choice of PE
- permeability (O₂) with EVOH of 5 µm: 1,5 cm³/m²·24h·bar at 20°C-65% U.R.

SEALFLEX® barrier

Polyethylene (PE) or polypropylene (PP) based laminate barrier films for “Pasteurisable” and “sterilisable” packages respectively.

PE-based laminate films are available in the anti-fog version.

Anti-fog processing prevents the formation of condensation droplets on the surface of the film, allowing clear visibility of the content of the package.

- wide range of available thicknesses – from 52 µm to 125 µm
- initial sealing temperature 115°
- slipperiness – variable COF between < 0,25 and 0,60 depending on the choice of PE
- permeability (O₂) with EVOH of 5 µm: 1.5 cm³/m²·24h·bar at 20°C-65% U.R.

On request, we can provide customised formulations.

All formulations are available in transparent, white or printed using high-quality FLEXOGRAPHY processes, in up to 8 colours.

The width and external diameter of the rolls are adaptable to all packaging machinery.