

Films for vacuum skin packaging: CLEARPACK serie for industry

Clearpack® is a thin skinpack film obtained through the extrusion of polyolefin resins, for the packaging of items of different weight and size on a cardboard support.

The choice among ITP wide variety of Clearpack® films depends on its intended use:

with coated cardboards, onto which the film adheres:

- Clearpack® GLE

with non-coated cardboards, onto which the adhesive inner side of the film grants the adhesion:

- Clearpack® GL-TE to achieve economy in use
- Clearpack® GL-TE/M in all other cases

Non coated cardboards are preferable, in order not to compromise the natural porosity of the cardboard which allows air flow during skinpackaging.

Key benefits

ITP's advanced and state-of-the-art technology allows to obtain a very high flatness of the roll and a perfect glossy surface. High transparency and brilliance, impact resistance, considerable drawing features and resistance to puncturing as well as a reduction in thickness: these are the key features of Clearpack® when compared to traditional packaging solutions on cardboard supports.

Skin-packaging with Clearpack® films guarantees better product presentation minimizing the quantity of material required for packaging.

The quality of these films is ensured by the extensive experience gained by ITP in the production of specialty materials for packaging, and assisted by the quality certification ISO 9001 since 1993.



INNOVATIVE PACKAGING SOLUTIONS

More detailed information is available upon request.

| CHARACTERISTICS | | METHOD | UNITS | GL-TE | GL-TE/M | GL-E* |
|-----------------------|----------|-------------|-------------------|--------|---------|-------|
| Standard thickness | | IO CTR 109 | µm | 80-300 | | |
| Typical roll diameter | | --- | mm | 240 | | |
| Tensile strength | Long MD | ASTM-D882 | N/mm ² | 17 | 19 | 20 |
| | Trans TD | ASTM-D882 | N/mm ² | 17 | 18 | 20 |
| Elongation at break | Long MD | ASTM-D882 | % | 800 | 500 | 500 |
| | Trans TD | ASTM-D882 | % | 850 | 550 | 600 |
| Yield strength | Long MD | ASTM-D882 | N/mm ² | 10 | 8 | 9 |
| | Trans TD | ASTM-D882 | N/mm ² | 10 | 8 | 8 |
| Haze | | ASTM-D 1003 | % | 5 | 3 | 2 |
| Heating time | | Internal | | Medium | Good | Good |
| Coated cardboard | | Internal | | No | No | Yes |

*these values are indicative but not limitative of the typical characteristics of the film. Exceptions to the reported range can be achieved.



Warning

Storage precautions

Keep the rolls in their original packaging in dry environment, protected from sunlight and atmosphere agents, at a temperature of 20 (+/-10) °C. Store the material in working environment at least 24hours before using.

Recommended use (shelf life): within 6 months from production date. Exceptions to this period, when the material is correctly stored, have been successfully experimented.

Precautions for use

The information provided in this publication has to be considered true and accurate at the time of publication; the data are average figures for the ideal use of our material. They have been obtained using laboratory specimens and equipments. The publication of this information, however, does not represent a guarantee for further delivery.

The customer should take care to determine the suitability of such product for the intended use.

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