

## Aliprot®

Aliprot® is a Polyolefin based film containing neither chlorine nor plasticizers. It is ideal for the packaging of fresh food, and is suitable for direct contact with any sort of food, including those with a high fat content. It is available in a version for home use and one for industrial use, both manual and automatic.



## FOOD WRAPPING STRETCH FILM FOR HOUSEHOLD USE AD12

| <i>Properties</i>          |      | <i>Units</i>     | <i>Method</i> | <i>Value</i> | <i>Tol.</i> |
|----------------------------|------|------------------|---------------|--------------|-------------|
| <b>THICKNESS</b>           |      | mm               |               | <b>10</b>    | +/-0,001    |
| <i>Yield Stress</i>        | L MD | $\frac{N}{mm^2}$ | ASTM D 882    | 2,1 N        | +/- 10%     |
|                            | T TD | $\frac{N}{mm^2}$ | ASTM D 882    | 1,3 N        | +/- 10%     |
| <i>Tensile Strength</i>    | L MD | $\frac{N}{mm^2}$ | ASTM D 882    | 5,8 N        | +/- 10%     |
|                            | T TD | $\frac{N}{mm^2}$ | ASTM D 882    | 4 N          | +/- 10%     |
| <i>Ultimate Elongation</i> | L MD | %                | ASTM D 882    | 270          | +/- 10      |
|                            | T TD | %                | ASTM D 882    | 695          | +/- 10      |

## AUTOMATIC STRETCH FILM - AAF/A9

| <i>Properties</i>                      |              | <i>Units</i>   | <i>Method</i> | <i>Value</i> | <i>Tol.</i> |
|--|--------------|--|---------------|--------------|-------------|
| <b>THICKNESS</b>                       |              | mm   | Internal      | <b>0,012</b> | +/- 0,001   |
| <i>Yield Stress</i>                    | L MD<br>T TD | N  | ASTM D 882    | 1,3<br>1,1   | +/- 10%     |
| <i>Tensile Strength</i>                | L MD<br>T TD | N  | ASTM D 882    | 9<br>6,3     | +/- 10%     |
| <i>Ultimate Elongation</i>             | L MD<br>T TD | %  | ASTM D 882    | 550<br>850   | +/- 10      |
| <i>Oxygen permeability</i>             |              | $\frac{\text{cm}^3}{\text{m}^2 \cdot \text{d} \cdot \text{atm}}$ | ASTM D 3985   | 17000        | +/- 8%      |
| Water vapor trasmission rate, W.V.T.R. |              | g/(m <sup>2</sup> .d)  | ASTM F 1249   | 15,5         | +/- 8%      |

## AUTOMATIC STRETCH FILM – AAF/A2000

| <i>Properties</i>                      |              | <i>Units</i>   | <i>Method</i> | <i>Value</i> | <i>Tol.</i> |
|--|--------------|--|---------------|--------------|-------------|
| <b>THICKNESS</b>                       |              | mm   | Internal      | <b>0,014</b> | +/- 0,001   |
| <i>Yield Stress</i>                    | L MD<br>T TD | N  | ASTM D 882    | 1,7<br>1,5   | +/- 10%     |
| <i>Tensile Strength</i>                | L MD<br>T TD | N  | ASTM D 882    | 9,5<br>5,9   | +/- 10%     |
| <i>Ultimate Elongation</i>             | L MD<br>T TD | %  | ASTM D 882    | 400<br>700   | +/- 10      |
| <i>Oxygen permeability</i>             |              | $\frac{\text{cm}^3}{\text{m}^2 \cdot \text{d} \cdot \text{atm}}$ | ASTM D 3985   | 13500        | +/- 8%      |
| Water vapor trasmission rate, W.V.T.R. |              | g/(m <sup>2</sup> .d)  | ASTM F 1249   | 14           | +/- 8%      |

**Aliprot** Supply details

Standard width:

from 200 mm to 1450 mm

Inside diameter core:

76 mm or 112 mm

Standard length: 1500 mt.

It can be printed up to 6 colours.

In migration tests, **Aliprot** comes out significantly lower (1/10) than overall migration limits specified in EC Directive

**Aliprot** is a polyolefin-bases film.

- ✓ It is atoxic
- ✓ It does not contain any chlorine
- ✓ It does not contain any plasticizers
- ✓ It is 100% recyclable

**Aliprot** is more than 25% lighter.

Example:

100 kg of PVC – 14 my give 6250 m<sup>2</sup>.

100 kg of Aliprot – 14 my give 7800 m<sup>2</sup>.

This means less waste and more environmentally friendly

**Aliprot** puncture resistance is about 70% higher than existing cling films.

**Aliprot** provides better resistance to both high and low temperatures.

It has been tested at temperatures of -25°C., and up to and including 70°C.

**Notice**

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