

VerCAST M technical data sheet

POLYPROPYLENE NON-ORIENTED CAST FILM with sealing layer and perforation

ADVANTAGES

- perforated with hot needles method
- possibility of zonal perforation
- excellent sealing properties
- excellent air access to the packaged product
- one side treatment (outer layer of the roll)

APPLICATIONS

- packaging of bakery products
- packaging of vegetables, fruits, flowers, toys, herbs,
- packaging of other products that require air to the packaging of the product

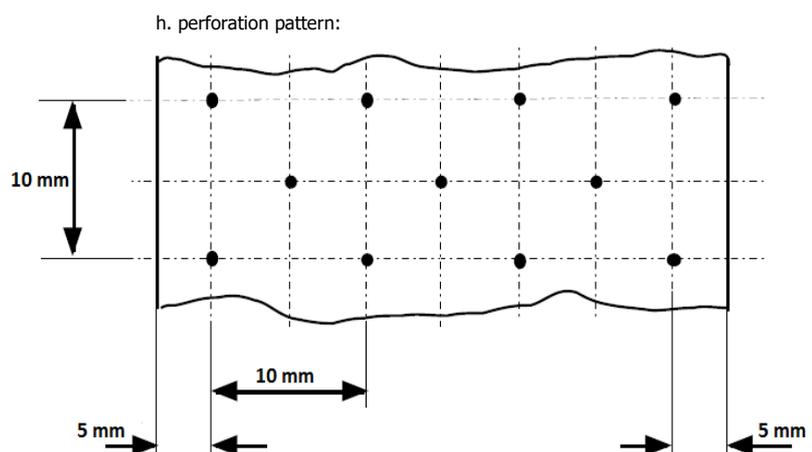
TECHNICAL PARAMETERS

Requirements	Nominal / guaranteed value								Reserch method
Thickness [μm], $\pm 6\%$	24	25	27	28	30	35	40	50	ISO 4593
Density [g/cm^3]	0,9								ISO 845
Unit weight [g/m^2]	21,6	22,5	24,3	25,2	27,0	31,5	36,0	45,0	ISO 536
Packaging capability [m^2/kg]	46,3	44,4	41,2	39,7	37,0	31,7	27,8	22,2	ISO 536
Sealing temperature range [$^{\circ}\text{C}$]*	125-150								

*/Sealing temperature range based on laboratory conditions. Right industrial sealing temperature choice depends on type of sealing electrode and sealing/welding process' speed.

Perforation parameters:

- alternating perforation
- margin without perforation - determined each time the customer order
(perforated film is also available as an option without the margin)
- inner diameter of the holes $2 \pm 0,5 \text{ mm}$
- density of the holes: $4 - 5 / 100 \text{ mm}^2$
- width of the perforation:
crosswise - $10 \text{ mm} \times n, \pm 2 \text{ mm}$, where n is the multiplicity
lengthwise - $10 \text{ mm} \times n, \pm 2 \text{ mm}$, where n is the multiplicity
minimum width of perforated zone - 50 mm
maximum width of perforated zone - 1700 mm
- width of non-perforated zone:
minimum width of non-perforated zone - 25 mm
maximum width of non-perforated zone - 1000 mm
- zonal perforation is allowed, in this case necessary is to specify the width of perforated and non-perforated zones



Parameters listed above are guaranteed for the period of 6 months from the manufacturing date indicated on the label attached to every roll.

IMPORTANT: If the film is stored in the temperature below 15°C , it requires additional conditioning in the processing temperature $\geq 20^{\circ}\text{C}$ during min. 24h. The manufacturer recommends the following film processing conditions: temperature: $15 - 35^{\circ}\text{C}$, humidity: max. 75% Rh. Compliance with these conditions ensures specified properties of the film and flawless processability.

The technical parameters in the table are based on laboratory tests and are for informative purposes only.

Veroni-Pak reserves the right to amend them.

All the parameters' values given in the table above apply only to unprocessed film.

It is necessary to validate VerCAST film at every stage in the actual processing conditions.

We also recommend to validate the film as a part of a finished packaging in the conditions of its final destination.

The film is fully recyclable with standard recycling systems.