

# Veroni Pak

Polyolefin  
VerCAST films

## WHAT CHARACTERIZES VERCAST FILMS?

- High transparency and gloss
- High mechanical strength
- Excellent sealability
- One-sided treatment
- Approved for contact with food



## Types of VerCAST films

For bread packaging	For freezing	For deep freezing	For lamination	Special films
<b>BW</b> – basic version	<b>F(A)</b> – basic version	<b>SF</b> – polyolefin	<b>L</b> – colorless, transparent	<b>AF</b> – with antifog effect
<b>BW(S)</b> – with higher seal temperature	<b>F(AS)</b> – with higher seal temperature	<b>EF</b> – polyethylene	<b>Lw</b> – white, non-transparent	<b>CC</b> – without sealable layers
<b>BS</b> – stiffer, with higher transparency	<b>F</b> – flexible, with higher resistance to tear and rupture	<b>SF BIO/EF BIO</b> – made with materials derived from renewable sources	<b>L(x)/Lw(x)</b> – with lower seal temperature	<b>OB</b> – blue, transparent
				<b>S</b> – for sterilization

Requirements	Nominal/guaranteed value											Test method
Thickness [µm]; ± 6%	20-24	25-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	ISO 4593
Tensile strength [N/mm <sup>2</sup> ] - lengthwise (MD), not less than - widthwise (TD), not less than	42 18	42 20	42 20	40 22	38 22	36 22	34 22	34 20	30 20	30 20	28 20	ISO 527-1, -3
Elongation at break [%] - lengthwise (MD), not less than - widthwise (TD), not less than	450 540	470 560	500 600	540 640	560 660	580 680	600 680	610 700	630 700	650 710	680 730	
Density [g/cm <sup>3</sup> ]	0,892											ISO 1183-1
Coefficient of friction, (film/film) NT/NT; not more than	0,35											ISO 8295
Haze [%], not more than	4,3	5,0	6,4	7,8	9,2	10,6	12,0	13,4	14,8	16,2	18,6	ASTM D 1003
Gloss(45°) [%], not less than	70											ASTM D 2457
Treatment [mN/m], not less than	36											ISO 8296
Lamination and print suitability	tak											MW/Veroni-Pak/01
Seal Initiation Temperature [°C]	132				135			138		142		MW/Veroni-Pak/02

Assessment of the suitability of the film for printing and lamination is carried out using a test fluid and is guaranteed for a period of 3 months from the manufacturing date indicated on the label attached to every roll. Other parameters listed above, which concern unprocessed film, are guaranteed for a period of 6 months from the manufacturing date, nonetheless it is recommended to use the film within the first 3 months after the production when it retains its best properties.

**IMPORTANT:** If the film is transported and stored at temperatures below 15°C, it is advised to season the film at temperatures ≥20 °C for a minimum of 24h before further processing. It is recommended to process the film in the following conditions: temperature: 15 - 35°C, humidity: 50 - 75% Rh. Compliance with these conditions ensures stated properties of the film and its trouble-free processing.

The technical parameters stated in the table above are based on laboratory tests and are for informative purposes only. Veroni-Pak reserves the right to make changes to stated parameters. It is possible to produce films in thicknesses other than those specified in the table above. All the parameter values in the above table apply only to unprocessed film. The parameters of microperforated film are specified for the base material before the perforation process.

It is necessary to validate the film at every stage in the actual processing conditions. It is recommended to validate the film as a ready-made packaging under conditions of its final usage.

The film is fully recyclable.



Packaging Materials

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