

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

Requirements	Nominal/guaranteed value												Test method
Thickness [μm]; $\pm 6\%$	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-69	70-79	80-89	90-100	ISO 4593
Tensile strength [N/mm^2] - lengthwise (MD), not less than - widthwise (TD), not less than	40 16	40 18	40 20	40 20	38 22	38 22	38 22	36 24	36 24	36 24	34 24	32 26	ISO 527-1, -3
Elongation at break [%] - lengthwise (MD), not less than - widthwise (TD), not less than	400 520	420 540	450 570	490 620	530 660	560 680	560 680	580 700	580 720	600 740	620 760	640 780	
Density [g/cm^3]	0,893												ISO 1183-1
Coefficient of friction, (film/film) NT/NT; not more than	0,25												ISO 8295
Haze [%], not more than	5,4	6,1	6,8	7,5	8,2	8,9	9,6	10,3	11,7	13,1	14,5	15,9	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 [$^{\circ}\text{C}$]	125			132				135					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 $\geq 20^{\circ}\text{C}$ for a minimum of 24h before further processing. It is recommended to process the film in the following conditions: temperature: $15 - 35^{\circ}\text{C}$, humidity: $50 - 75\% \text{ Rh}$. 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.