

TECHNICAL DATASHEET – PVC FILM

Films are made from polyvinylchloride without the use of phthalates and coiled on cores with a diameter of 76 - 112 mm.

This product is suitable for contact with the following foods:

- Cereals, cereal products, pastry, biscuits, cakes and other bakers' wares
- Chocolate, chocolate-coated products, chocolate substitutes and products coated with chocolate substitutes
- Confectionery products: In solid form:
 - + with fatty substances on the surface
 - + other
- Whole fruit, fresh or chilled, unpeeled
- Dried or dehydrated fruits, whole, sliced, flour or powder
- Whole vegetables, fresh or chilled, unpeeled
- Processed vegetables:
 - + dried or dehydrated vegetables whole, sliced or in the form of flour or powder
 - + fresh vegetables, peeled or cut
- Fish – fresh, chilled, processed, salted or smoked including fish eggs
- Crustaceans and molluscs (including oysters, mussels, snails) – fresh within the shell
- Meat of all zoological species (including poultry and game):
 - + fresh, chilled, salted, smoked
 - + processed meat products (such as ham, salami, bacon, sausages, and other) or in the form of paste, creams
- Cheeses:
 - + whole, with not edible rind
 - + natural cheeses without rind or with edible rind (gouda, camembert, and like) and melting cheese
- Fried and roasted foods
 - + fried potatoes, fritters and the like
 - + of animal origin
- Mustard (except of powdered mustard)
- Sandwiches, toasted bread, pizza and like containing any kind of foodstuff
 - + with fatty substances on the surface
 - + other
- Dried foods
 - + with fatty substances on the surface
 - + other
- Frozen or deep-frozen foods

Suitable contact with all types of food, except of fatty types of food for which a factor 3 or more can not be used.

The foil is intended for the following use:

- contact up to 30 days at temperatures up to 40 °C
- for all storage times of packed food at refrigerated and frozen conditions including hot-fill conditions and/or heating up to 70 °C for a maximum of 2 hours and up to 100 °C for a maximum 15 minutes



The foil is applied under normal temperatures (5 - 25 °C). Storage of packaged food is recommended in temperature range - 40 to + 40 °C.

The foil is suitable for use in microwave oven. The foil has to be pierced several times.

Technical parameters:

Parameter	Unit	Value	Test method, protocol, tolerance
Roll length	m	300 – 2500	
Packaging	ks/box	1	
Thickness	µm	8 – 21	± 5%
Width	mm	250 - 1000	± 2%
Tensile Stress - longitudinal direction - across direction	MPa MPa	Min. 20 Min. 10	ČSN EN ISO 527-1
Resistance to further tearing – the mean value - longitudinal direction - across direction	N/mm N/mm	Min. 20 Min. 25	ČSN EN ISO 527-3
Elongation at maximum load - longitudinal direction - across direction	% %	Min. 150 Min. 250	ČSN EN ISO 527-3
Heat resistance	°C	- 40 + 120	

Storage conditions before use:

- Store in a dry place at temperatures not exceeding 30 °C
- Protect from direct sunlight and frost

Approved by: 4. 1. 2022, Bc. Bronislav Lach, technologist

