

  ПЛАСТХИМ-Т АД	ИНТЕГРИРАНА СИСТЕМА ЗА УПРАВЛЕНИЕ	
	Продуктови технически спецификации	ОД 04.03.29(4)
	Storage Period (Shelf Life) of Plastic Packaging Films	Страница 1
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Одобрено на: 19.03.2024	Одобрил: Цв. Евтимов	
Разработил: Е. Донев	Съгласувал: Mehmet Hayri Gench	

STORAGE PERIODS (SHELF LIFE) OF PLASTIC PACKAGING FILMS LIST

This technical information sheet is prepared in order to provide general information about the shelf life of the films produced by Plastchim - T.

Important criterias during storage;

- The recommended temperature of storage/transportation is $5 \div 35^{\circ}\text{C}$. Films should be stored in covered, clean, dry and well-ventilated areas during storage.
- Ambient humidity should be maximum 60 %.
- Films should not be exposed to direct sunlight to avoid degradation, discoloring, yellowing or loss of mechanical properties.
- Storage area of having minimum temperature variation should be selected to store flexible films to avoid high temperature differences because of seasonal changes or day/night temperatures,

Treatment levels or so called surface tension, wetting tension, dyne level or corona level are kept if the advised storage conditions are applied.

Recommended shelf life of the films are summarized in the following table.

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FILM TYPE	STORAGE TIME	EXPLANATION
BOPP FILM		
Non heat seal transparent films	6 months	
Heat sealable transparent films	12 months	
Matt films – heat sealable or non-heat sealable	6 months	
Both sides treated transparent films	3 months	High quality winding is necessary at both sides treated film in addition to very good drying at printing, coating, cold seal and etc application. It is avoided to direct contact of processed side with other treated side.
Pearlized and white films	6 months	These films have a tendency of absorb moisture more than other films because of their structure. Therefore they must be protected from moisture.
Both sides treated pearlized and white films	3 months	High quality winding is necessary at both sides treated film in addition to very good drying at printing, coating, cold seal and etc application. It is avoided to direct contact of processed side with other treated side.
Metallized films	6 months	There is no corona guarantee for metallized side of the film. We recommend using suitable primer before printing process at metallized side.
Both sides treated metallized films	3 months	There is no corona guarantee for metallized side of the film. We recommend using suitable primer before printing process at metallized side.
CPP FILM		
One side treated films	3 months	CPP films are formulated with high additive content, mainly slip. Slip additives are migrated to surfaces by the time and may hinder to get actual treatment level by corona solutions applied. We advise to use corona pen to check treatment level and possibly apply ink adhesion test to verify. Inline corona treatment is advised before printing process if shelf life of CPP films are above 3 months.
Metallized films	3 months	There is no corona guarantee for metallized side of the film. We recommend using suitable primer before printing process at metallized side.
ANTIFOG FILMS – BOPP and BOPE	6 months	
BOPE FILM	6 months	
ADHESIVE TAPE FILMS	12 months	

The information given is true and accurate according to current state of our knowledge and intended to give general information on our products and their applications. Given information is to be considered as guidelines and not as product specifications. Since the actual conditions of use are beyond our control, users are advised to make their own tests at their specific conditions of laboratory and/or actual use. We suggest our customer to determine final suitability for their specific end uses. Also be advised that given information shall not be construed as an inducement

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or recommendation to use any process or to manufacture any product in conflict with existing, pending or future patents.