

● Product Description

EL48 is clear recyclable shrink PET film with anti-static coating, medium TD shrinkage, very low shrink force, and gradual shrink curve.

● Sustainability

EL48 met requirements per APR's Critical Guidance - Therefore, it is certified fully recyclable



Property	Unit	Value	Method
Thickness	Micron (µm)	40, 45, 50, 60, 70	SKC Method
Thickness tolerance	%	±10	SKC Method
TD Shrinkage (100°C)	%	65	Water bath, 10 sec
TD Shrinkage (80°C)	%	48	Water bath, 10 sec
MD Shrinkage (100°C)	%	3.5	Water bath, 10 sec
MD Shrinkage (80°C)	%	-1	Water bath, 10 sec
Density	g/cm ³	1.32	D1505
Tensile Strength TD	Kpsi	34	D882
Tensile Strength MD	Kpsi	9	D882
Elongation TD	%	60	D882
Elongation MD	%	540	D882
Haze	%	5.0	D1003
Gloss	%	150	D523
COF (coated vs. metal)	Kinetic	0.25	D1894

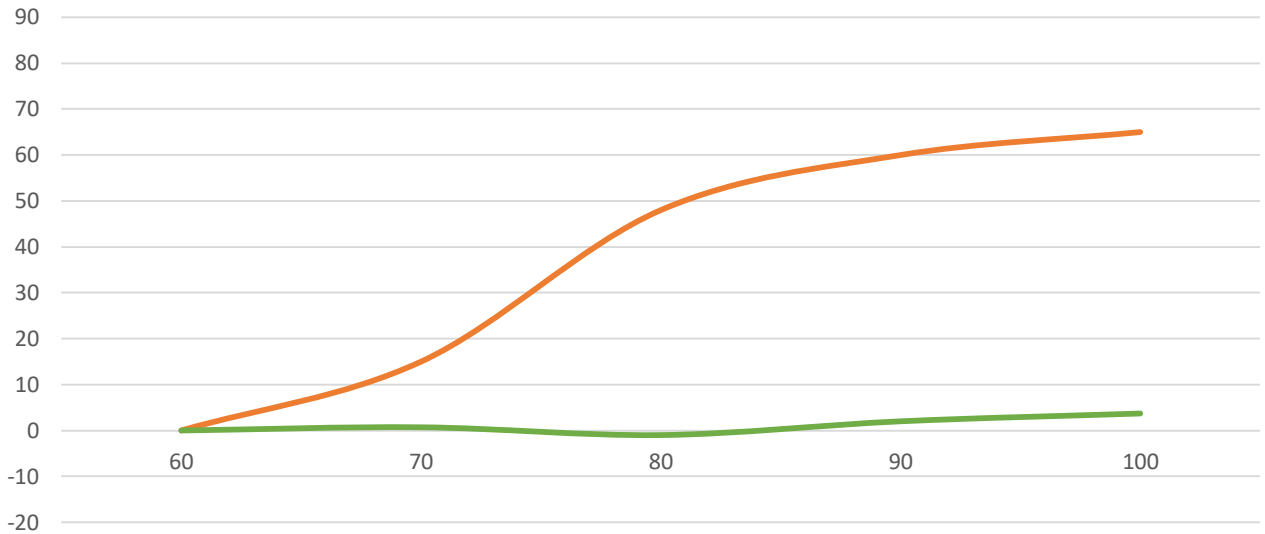
● FDA Compliance

EL48 is compliant with the FDA 21 CFR 177.1630 regulation, and are acceptable for food contact applications as follows:

- indirect food contact on the chemically treated surface
- direct food contact on the untreated/plain surface

This information is the best currently available on the subject. The results should, however, only be regarded as a general guide to material properties and not as a guarantee. Some of the properties can be changed as a result of supplier's effort to improve the quality or production efficiency on the subject. **Revision:** 1.12.2020

• Shrink Curve



• Recommend Storage Condition

Storage conditions are below 77°F (25°C) and a relative humidity of 70% or below. Storage in abnormal conditions, such as abnormally high temperature or humidity, or if exposed to strong U.V. radiation (such as sunlight), or exposure to harsh chemicals, will void its warranty.

• Yield Table

Gauge	Micron	[in ² /lb]	[ft ² /lb]	[yd ² /lb]	[m ² /kg]	[m ² /lb]
157.5	40	13,316	92.5	10.27	18.94	8.59
177.2	45	11,836	82.2	9.13	16.84	7.64
196.9	50	10,653	74.0	8.22	15.15	6.87
236.2	60	8,877	61.6	6.85	12.63	5.73
275.6	70	7,609	52.8	5.87	10.82	4.91

• Roll OD Table

Length (m)	Length (ft)	40u	45u	50u	60u	70u
4,000	13,123	19.1"	20.1"	21.1"	22.9"	24.5"
4,500	14,764	20.1"	21.2"	22.2"	24.1"	25.9"
6,000	19,685	22.9"	24.1"	25.3"	27.6"	29.6"
8,000	26,247	26.1"	27.6"	29.0"	31.6"	34.0"

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