

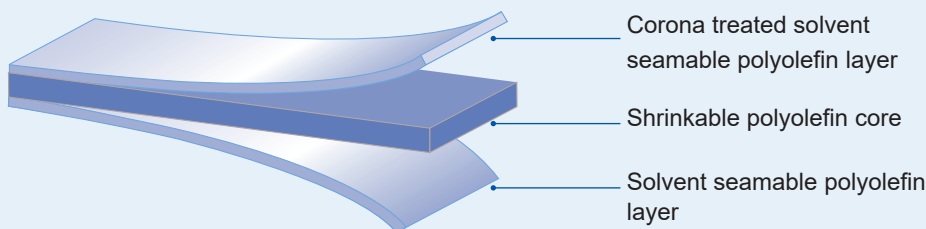
# RayoFloat™ APO



## Technical Data Sheet

Certified Recycling Code 5 PP by RecyClass

**APO** - Low density polyolefin shrink film for shrink sleeve labels and tamper evident applications.



### Features

- Low density
- Suitable for floatation separation from PET during recycling processes
- Controlled TD shrinkage up to 65%
- High gloss
- High clarity
- Scuff resistant

### Printability

**RayoFloat™ APO** is printable across a wide range of traditional flexographic and gravure processes. Exact inks should be recommended by your supplier.



### Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	APO
Thickness	Innovia Films test		micron	50
			gauge	197
Yield	Innovia Films test		m <sup>2</sup> /kg	21.6
			in <sup>2</sup> /lb	15218
Unit Weight			g/m <sup>2</sup>	46.3
			lbs/ream	28.4
Haze (wide angle)	Innovia Films test	2.5°	%	11
Density	Innovia Films test		g/cm <sup>3</sup>	0.93
Shrinkage	Innovia Films test		% MD TD	<4%
				>60%
Tensile strength	ASTM D 882	Strain rate 50%/min	MN/m <sup>2</sup>	MD
				TD
			lb/in <sup>2</sup>	MD
				TD
Elongation at break	ASTM D 882	Strain rate 50%/min	% MD TD	>240
				>25
Coefficient of friction	Innovia Films test			Treated side
				Non treated side
				0.45
				0.38

MD Machine Direction TD Transverse Direction

All properties are tested under standard laboratory conditions: 23 ± 2°C, 50 ± 5% RH, unless otherwise stated. Where relevant, tests are based on international testing standards.

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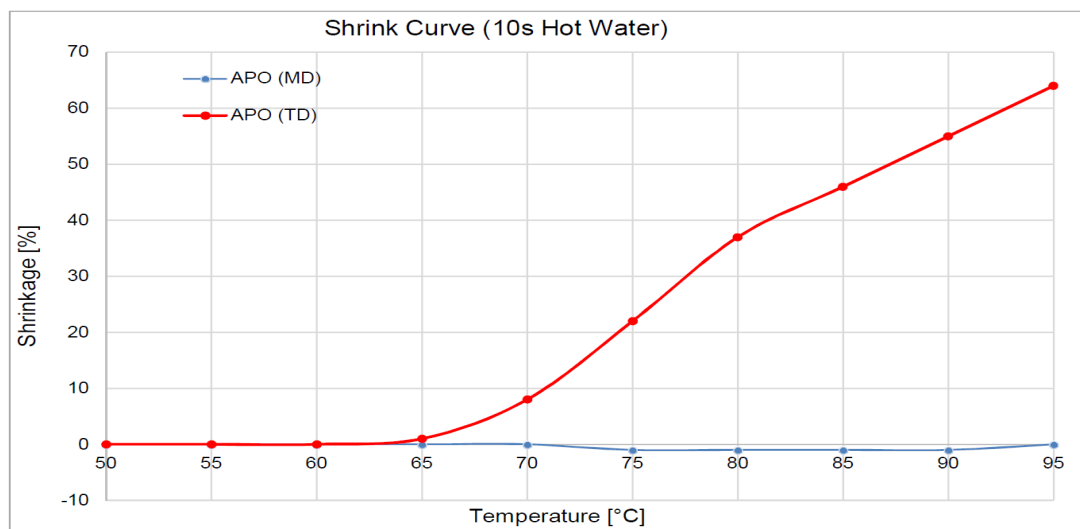
use our imagination...

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### Conversion

The polyolefin outer layers can be solvent seamed with standard solvents. Suitable for both steam and hot air shrink tunnels



### Reel Specifications

#### Nominal Reel Diameters

Film	Core Size/(mm)	Approx Outside Dia/(mm)	Length/(metres)
APO50	153	730	7500
Film	Core Size/(in)	Approx Outside Dia/(in)	Length/(feet)
APO197	6"	28.7"	24606

Alternative reel lengths are available subject to negotiation.

### Film Storage and Handling

For the storage of RayoFloat™ APO it is recommended that the film should be stored and transported at temperatures below 25°C are employed to minimise any changes to the films shrinkage properties. RayoFloat™ APO is suitable for use for 6 months from the date of delivery and stocks should be used in rotation. Films should be allowed to reach operating room temperatures for 24 hours before use.

### Food Contact

RayoFloat™ APO complies with the applicable EU and US legislation for most applications involving direct contact with foods. Full details are given on the Declaration of Compliance. Customers intending to use RayoFloat™ APO in a food contact application should request a copy of this document from Innovia Films. Details of compliance with food contact legislation in non-EU countries are also available upon request.

### Health & Safety Guidelines

For Health & Safety information, please refer to Innovia Poland's Quality documents.

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