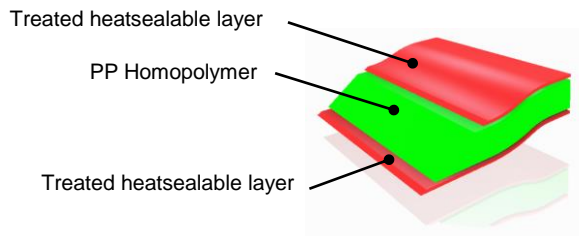


Film reference:  
**CATA\_SOL**

Thickness (µm):  
**15-18-20-25-30-35-40-50**

**1. PRODUCT FEATURES**

- Transparent coextruded BOPP film.
- Suitable for flexographic printing, rotogravure.
- Excellent optical properties, gloss and transparency.
- Excellent dimensional stability.
- Welding resistant to a wide range of temperatures.
- Trilaminar films used.
- Great versatility in package industry and packaging.
- Good barrier properties to moisture and odours.
- Competitive alternative to coated films.
- Low environmental impact.
- This reference has a share up to 25% recycled material according to DIN EN ISO 14021:2016, 7.8.1.1 b);



**2. MIGRATION CHARACTERISTICS**

- Complies with the specifications in force.

**3. USE**

- Food industry. The film complies with the UE and FDA regulations for use in contact with food.

PROPERTIES	UNIT	VALUE APPLIED								TOLERANCE	TEST METHOD
		CATA_SOL									
Thickness	microns	15	18	20	25	30	35	40	50	-7 + 2%	ISO 4591
Unit weight	g/m <sup>2</sup>	13,7	16,5	18,2	22,8	27,3	31,9	36,4	45,5	±7%	ISO 4591
Yield	m <sup>2</sup> /kg	73,3	60,7	54,9	44,0	36,6	31,4	27,5	22,0	±7%	ISO 4591
Tensile strength at break	MD	130								≥N-30	ISO 527
	TD	240									
Elongation at break	MD	200								≤N+40	ISO 527
	TD	60								≤N+20	
Shrinkage	MD	6	5,5	5						≤N+1,5	ISO 11501
	TD	3	2	2							
Surface treatment level ES	dynes/cm	38								≥ 38	ISO 8296
Heatsealing resistance	N/15 mm	2,0	2,5	3,0	3,5			4,0	≥N-0,5	DIN 55529	
Sealing initiation temperature IS/IS	°C	115								≤N+3	DIN 55529
Haze	%	2,3	2,4	2,5	2,6	2,7	2,8	3,0	≤N+1	ASTM D - 1003	
Gloss 45°		80								≥75	ASTM D - 2457
Dynamic friction coefficient ES/IS		0,30								≤0.35	ISO 8295
Width	mm	100-2100 <sup>1</sup>								N-0+2	---

MD = Longitudinal direction      ES = External side  
 TD = Transversal direction      IS = Internal side

<sup>1</sup> For other option request information

Film reference:  
**CATA\_SOL**

Thickness (µm):  
**15-18-20-25-30-35-40-50**

#### 4. GENERAL CHARACTERISTICS COILS

WIDTH:	From 100 to 2.100 mm <sup>1</sup>
MAXIMUM OUTER DIAMETER:	775 mm <sup>1</sup>
INTERNAL DIAMETER OF TUBE:	76-152 mm
TREATMENT:	BOTH SIDES
LENGTH:	Based on external diameter

<sup>1</sup> For other option request information

#### 5. STORAGE CONDITIONS

For optimum performance of the film storage is recommended in a protected area of high humidity and a temperature below 30 °C. Material should be conditioned at room temperature at least for 24h before use. It is recommended to keep the coils in their original packaging until time of use. In case of partial use of a pallet of coils, keeping the remaining material without leaning on a hard surface.

#### 6. CONTACT WITH FOOD

The film complies with the UE and FDA regulations for use in contact with food.  
Refer to specific information.

#### 7. SECURITY CONDITIONS FOR FILM HANDLING

Safety data sheet available upon customer request.

#### 8. USE WARRANTY

This film maintains its optimal properties for use up to six months after production.

#### 9. NOTES

This information should be considered only for guidance and is based on tests conducted in our laboratory and should not be considered as collateral for a customer's specific application.