

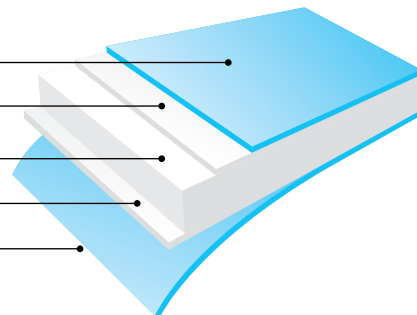
Corona treated surface

Modified intermediate layer

Pigmented white core layer

Modified intermediate layer

Treatable surface



Technical Data Sheet

Bi-Oriented PolyPropylene Film (BOPP)

SLW

**40-50
microns**

Non-coated,
one-side treated,
pigmented white
film for Self-
Adhesive Label

Special Features

- Higher yield than other solid white labels for excellent economics
- No migratory additives
- High opacity and gloss
- High stiffness for trouble free label dispensing and die cutting
- Excellent printability

Typical Applications

Designed for rigid and semi-rigid self-adhesive label applications. Suitable for traditional flexo, gravure and UV flexo ink systems. For UV inks, additional in-line corona treatment is recommended. The treated layer should be top coated to ensure compatibility with a broad range of ink chemistries. Prior to testing SLW please consult with your ink, coating and adhesive suppliers to determine compatibility.

Properties	Unit	Typical Values		Method
Thickness	micron	40	50	Manucor - gravimetric
Unit weight	g/m ²	36	45	Manucor - gravimetric
Yield	m ² /kg	27.8	22.2	Manucor method
Surface tension	dynes/cm	38	38	ASTM D 2578
Optical density	-	0.55	0.60	Haze Gard Plus
Light transmission	%	25	25	ASTM 1003
Gloss (T)	%	50	50	ASTM D 2457 45°
White index	%	85	87	E313 - CIE
Opacity	%	87	92	Manucor - BYK
Whiteness (Berger)	%	86	87	Berger - BYK
Tensile strength at break (MD)	N/mm ²	130	130	ASTM D 882
Tensile strength at break (TD)	N/mm ²	270	270	ASTM D 882
Elongation at break (MD)	%	200	200	ASTM D 882
Elongation at break (TD)	%	60	60	ASTM D 882
Tensile modulus of elasticity (MD)	N/mm ²	1750	1800	ASTM D 882
Tensile modulus of elasticity (TD)	N/mm ²	3600	3600	ASTM D 882
Shrinkage (MD)	%	≤5	≤5	ASTM D 1204 120°C 5'
Shrinkage (TD)	%	≤3	≤3	ASTM D 1204 120°C 5'

Rev. Date 24/01/2018- Please see our website www.manucor.com for the most updated version of this technical data sheet.

Disclaimer : Typical values describe useful product performance and are not intended for specification purposes.