

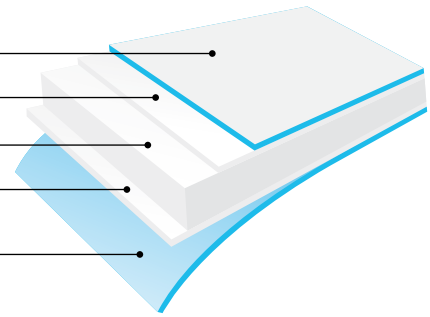
Corona treated surface

Modified intermediate layer

Pigmented solid white core layer

Modified intermediate layer

Untreated sealant layer



Technical Data Sheet

Bi-Oriented PolyPropylene Film (BOPP)

S2W
**15-40
microns**
**Solid
white, two-side
sealable, one-side
treated film with
outstanding
whiteness**

Special Features

- Excellent light barrier
- Excellent lamination bond strength
- Good sealing strength and hot tack
- High whiteness and gloss

Typical Applications

Designed for use either monoweb or laminated heat seal applications for VFFS and HFFS machines.

It provides an excellent puncture resistance compared with cavitated white films.

Properties	Unit	Typical Values						Method
Thickness	micron	15	20	25	30	35	40	Manucor - gravimetric
Unit weight	g/m ²	15	19.4	24.2	29.1	34.0	38.8	Manucor - gravimetric
Yield	m ² /kg	66.7	51.5	41.3	34.4	29.5	25.8	Manucor method
Surface tension	dynes/cm	36	36	36	36	36	36	ASTM D 2578
Optical density	-	0.4	0.4	0.4	0.45	0.5	0.55	Haze Gard Plus
Gloss	%	50	50	50	50	50	50	ASTM D 2457 45°
COF Dyn F-F (U / U)	-	0.35	0.35	0.35	0.35	0.35	0.35	ASTM D 1894
Tensile strength at break (MD)	N/mm ²	130	130	130	130	130	130	ASTM D 882
Tensile strength at break (TD)	N/mm ²	270	270	270	270	270	270	ASTM D 882
Elongation at break (MD)	%	200	200	200	200	200	200	ASTM D 882
Elongation at break (TD)	%	60	60	60	60	60	60	ASTM D 882
Tensile modulus of elasticity (MD)	N/mm ²	1800	2000	2000	2000	2000	2000	ASTM D 882
Tensile modulus of elasticity (TD)	N/mm ²	3500	3700	3700	3700	3700	3700	ASTM D 882
Heat seal range (U)	°C	105-140	105-140	105-140	105-140	105-140	105-140	Manucor - 3 bar - 1"
Seal strength (U / U)	g/cm	150	170	200	250	250	280	Manucor - 130°C - 3 bar - 1"
Shrinkage (MD)	%	≤5	≤5	≤5	≤5	≤5	≤5	ASTM D 1204 120°C 5'
Shrinkage (TD)	%	≤3	≤3	≤3	≤3	≤3	≤3	ASTM D 1204 120°C 5'

Rev. Date 25/01/2018- 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.