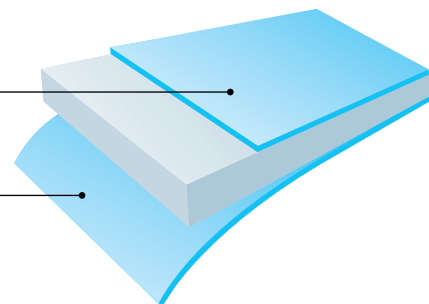


Treated sealable layer
Sealant layer


Technical Data Sheet

Bi-Oriented PolyPropylene Film (BOPP)

S2G

**15-40
microns**

**Two-side
sealable, one-side
treated co-extruded
transparent film**

Special Features

- Excellent transparency and gloss
- Wide seal range and good seal strength
- Excellent hot tack
- Excellent web flatness
- High mechanical properties and stiffness

Typical Applications

Used on wide range of VFFS, HFFS and box overwrap packaging machines with fin or lap seals.

It may be reverse printed in laminated structures.

It may be surface printed or unprinted in monoweb applications.

Run appropriate tests to verify suitability of S2G with your ink systems.

Properties	Unit	Typical Values							Method
Thickness	micron	15	17	20	25	30	35	40	Manucor - gravimetric
Unit weight	g/m ²	13.6	15.5	18.2	22.7	27.3	31.8	36.5	Manucor - gravimetric
Yield	m ² /kg	73.5	64.6	55	44	36.6	31.4	27.4	Manucor method
Surface tension	dynes/cm	38	38	38	38	38	38	38	ASTM D 2578
Haze	%	2	2	2	2.5	2.5	2.8	2.8	ASTM D 1003
Gloss	%	82	82	82	82	82	82	82	ASTM D 2457 45°
COF Dyn F-F (Untreated / Untreated)	-	0.3	0.3	0.3	0.3	0.3	0.3	0.3	ASTM D 1894
Tensile Strength at break (MD)	N/mm ²	150	150	150	140	140	130	130	ASTM D 882
Tensile Strength at break (TD)	N/mm ²	290	290	290	290	290	290	290	ASTM D 882
Elongation at break (MD)	%	180	180	180	200	200	220	220	ASTM D 882
Elongation at break (TD)	%	60	60	60	60	60	60	60	ASTM D 882
Tensile modulus of elasticity (MD)	N/mm ²	2000	2000	2000	2000	2000	2000	2000	ASTM D 882
Tensile modulus of elasticity (TD)	N/mm ²	3800	3800	3800	3800	3800	3800	3800	ASTM D 882
Heat seal range (Untreated)	°C	105-140	105-140	105-140	105-140	105-140	105-140	105-140	Manucor - 3 bar - 1"
Seal strength (Untreated/Untreated)	g/cm	150	170	170	200	200	200	200	Manucor-130°C-3bar-1"
Shrinkage (MD)	%	≤5	≤5	≤5	≤5	≤5	≤5	≤5	ASTM D 1204 120°C 5'
Shrinkage (TD)	%	≤3	≤3	≤3	≤3	≤3	≤3	≤3	ASTM D 1204 120°C 5'

Rev. Date 15/06/2018- 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.