

Syfan Sytec MVP Polyolefin Shrink Film Properties						
Property	Method	Units	45G	60G	75G	100G
Haze	ASTM D-1003	[%]	5	5	5	6
Gloss 45	ASTM D-2459	Gloss Units	88	90	86	85
COF	ASTM D-1894		< 0.3	< 0.25	< 0.25	< 0.2
Shrinkage MD/TD	120 °C Oil Bath	[%]	78/75	74/72	73/73	70/70
Tear Resistance MD/TD	Elmendorf	gr/25μ	25/20	30/20	35/30	40/25
Ultimate Tensile Strength MD/TD	ASTM D-882	PSI	11200/ 12500	10150/ 11060	10000/ 11000	8000/ 9000
Elongation MD/TD	ASTM D-882	[%]	100/90	90/100	95/105	95/110
MVTR	ASTM E-96	g/100in ² /24hr 1atm@99°F	2.1	1.6	1.3	0.96
OTR	ASTM D-3985	cc/m ² /24hr 1atm@77°F	10100	7600	6100	4600
CO ₂	Gas Chromatograph	cc/100in ² /24hr 1atm@77°F	2600	2015	1600	1200

Gauge		45 G	60G	75G	100G
Yield	in ² /lb	67555	51060	40310	30755
Roll Length	SW/ft	11660	8750	7000	5250
	CF/ft	5830	4375	3500	2625
Nominal Thickness/Microns		11.2	15	19	25
Yield	m ² /kg	95	73	57	44
Roll Length	SW/m	3560	2650	2134	1600
	CF/m	1780	1325	1067	800