



Polycor Polypropylene Sheet Specifications & Tolerances

2mm	Color	Specification	Tolerance
Gauge	all	2mm	±0.15 mm
Density (grams/sq meter)	all	450	±5%
Density (lbs/1000 sq. ft.)	all	92	± 5%
Skin Thickness	all	0.0065	±0.0015"
Flute Thickness	all	0.0065"	± 0.0015"
Surface Tension (Dyne Level)	all	46 dyne/cm (minimum)	46 dyne/cm (minimum)

3mm	Color	Specification	Tolerance
Gauge	all	3mm	±0.15 mm
Density (grams/sq meter)	all	600	±5%
Density (lbs/1000 sq. ft.)	all	116	± 5%
Skin Thickness	all	0.008"	±0.0020"
Flute Thickness	all	0.008"	±0.0020"
Surface Tension (Dyne Level)	all	46 dyne/cm (minimum)	46 dyne/cm (minimum)

4mm	Color	Specification	Tolerance
Gauge	all	4mm	±0.15 mm
Density (grams/sq meter)	nat. & v	750	±5%
Density (lbs/1000 sq. ft.)	nat. & v	150	± 5%
Density (grams/sq meter)	colors	750	±5%
Density (lbs/1000 sq. ft.)	colors	143	± 5%
Skin Thickness	all	0.008"	±0.0020"
Flute Thickness	all	0.008"	±0.0020"
Surface Tension (Dyne Level)	all	46 dyne/cm (minimum)	46 dyne/cm (minimum)

5mm	Color	Specification	Tolerance
Gauge	all	5mm	±0.15 mm
Density (grams/sq meter)	all	1000	±5%
Density (lbs/1000 sq. ft.)	all	204	± 5%
Skin Thickness	all	0.013"	±0.0020"
Flute Thickness	all	0.013"	±0.0020"
Surface Tension (Dyne Level)	all	46 dyne/cm (minimum)	46 dyne/cm (minimum)

6mm	Color	Specification	Tolerance
Gauge	all	6mm	±0.15 mm
Density (grams/sq meter)	all	1400	±5%
Density (lbs/1000 sq. ft.)	all	286	± 5%
Skin Thickness	all	0.018"	±0.0025"
Flute Thickness	all	0.019"	±0.0025"
Surface Tension (Dyne Level)	all	46 dyne/cm (minimum)	46 dyne/cm (minimum)

7mm	Color	Specification	Tolerance
Gauge	all	7mm	±0.15 mm
Density (grams/sq meter)	all	1700	±5%
Density (lbs/1000 sq. ft.)	all	347	± 5%
Skin Thickness	all	0.024"	±0.007"
Flute Thickness	all	0.023"	±0.007"
Surface Tension (Dyne Level)	all	46 dyne/cm (minimum)	46 dyne/cm (minimum)

8mm	Color	Specification	Tolerance
Gauge	all	8mm	±0.15 mm
Density (grams/sq meter)	all	1800	±5%
Density (lbs/1000 sq. ft.)	all	367	± 5%
Skin Thickness	all	0.03	±0.008"
Flute Thickness	all	0.029	±0.008"
Surface Tension (Dyne Level)	all	46 dyne/cm (minimum)	46 dyne/cm (minimum)

10mm	Color	Specification	Tolerance
Gauge	all	10mm	±0.15 mm
Density (grams/sq meter)	all	2000	±5%
Density (lbs/1000 sq. ft.)	all	408	± 5%
Skin Thickness	all	0.034	±0.008"
Flute Thickness	all	0.025	±0.008"
Surface Tension (Dyne Level)	all	46 dyne/cm (minimum)	46 dyne/cm (minimum)

12mm	Color	Specification	Tolerance
Gauge	all	12mm	±0.15 mm
Density (grams/sq meter)	all	2400	±5%
Density (lbs/1000 sq. ft.)	all	490	± 5%
Skin Thickness	all	0.036	±0.008"
Flute Thickness	all	0.025	±0.008"
Surface Tension (Dyne Level)	all	46 dyne/cm (minimum)	46 dyne/cm (minimum)

WIDTH	MATERIAL SIZE	TOLERANCE
Extruder (Offline)	2mm - 6mm	±1/8"
	8mm - 10mm	±1/8", ±1/4"
Slitter (Cut Square)	2mm - 6mm	±1/8"
	8mm - 10mm	±1/8", ±1/4"
Die Cutter	2mm - 6mm	±1/8"
	8mm - 10mm	±1/8", ±1/4"
LENGTH	MATERIAL SIZE	TOLERANCE
Extruder (Offline)	<36"	-0", +3/4"
	36" - 66"	-0", +1-1/8"
	66" - 100"	-0, +1-1/2"
	>100"	-0, +2"
Slitter (Cut Square)	All	-0, +1/8"
Die Cutter	<36"	±1/8"
	36" - 66"	±3/16"
	66" - 100"	±1/4"
	>100"	±3/8"
LENGTH	MATERIAL SIZE	TOLERANCE
Extruder (Offline)	<60"	3/8"
	>60"	5/8"
Slitter (Cut Square)	<60"	1/8"
	60" - 72"	1/4"
	>72"	5/16"
Die Cutter	<72"	1/4"
	>72"	5/16"
WARP/BOW*	MATERIAL SIZE	TOLERANCE
*Maximum height above a flat surface of any portion of a sheet.		
	<96"	1/4"
	>96"	1.0"
	70" x 70" or larger	2.0"
STRAIGHTNESS*	MATERIAL SIZE	TOLERANCE
*Maximum distance measured between the edge of a sheet of Polycor Fluted Polypropylene and a straight edge when the two corners of the sheet touch the straight edge.		
	<98"	1/8"
	>98"	3/16"

Notice: All tolerances are subject to change without notice.