



Coroplast ® Polypropylene Sheet Specifications & Tolerances

2 mm	Color	Specification	Tolerance
Gauge	all	2 mm	± 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)
3 mm	Color	Specification	Tolerance
Gauge	all	3 mm	± 0.15mm
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)
4 mm	Color	Specification	Tolerance
Gauge	all	4 mm	± 0.15 mm
Density (grams/sq. meter)	nat. & wht.	750	± 5%
Density (lbs/1000 sq. ft.)	nat. & wht.	150	± 5%
Density (grams/sq. meter)	colors	700	± 5%
Density (lbs/1000 sq. ft.)	colors	143	± 5%

Skin Thickness	all	0.009"	± 0.0020"
Flute Thickness	all	0.009"	± 0.0020"
Surface Tension (Dyne Level)	all	46 dyne/cm (minimum)	46 dyne/cm (minimum)

5 mm	Color	Specification	Tolerance
Gauge	all	5 mm	± 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)

6 mm	Color	Specification	Tolerance
Gauge	all	6 mm	± 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	0.018"	± 0.0025"
Surface Tension (Dyne Level)	all	46 dyne/cm (minimum)	46 dyne/cm (minimum)

7 mm	Color	Specification	Tolerance
Gauge	all	7 mm	± 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)

8 mm	Color	Specification	Tolerance
Gauge	all	8 mm	± 0.15 mm
Density (grams/sq. meter)	all	1800	± 5%
Density (lbs/1000 sq. ft.)	all	367	± 5%
Skin thickness	all	0.030"	± 0.008"
Flute thickness	all	0.029"	± 0.008"
Surface Tension (Dyne Level)	all	46 dyne/cm (minimum)	46 dyne/cm (minimum)

10 mm	Color	Specification	Tolerance
Gauge	all	10 mm	± 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)

12 mm	Color	Specification	Tolerance
Gauge	all	12 mm	± 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)	2 mm - 6 mm	±1/8"
	8 mm - 10 mm	-1/8", +1/4"

Slitter (Cut Square)	2 mm - 6 mm	±1/8"
	8 mm - 10 mm	-1/8", +1/4"
Die Cutter	2 mm - 6 mm	±1/8"
	8 mm - 10 mm	-1/8", +1/4"

Length	Material Size	Tolerance
Extruder (Offline)	< 36"	-0", +3/4"
	36" - 66"	-0", +1-1/8"
	66" - 96"	-0", +1-1/2"
	> 96"	-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"

Squareness*	Material Size	Tolerance
* The difference in length between the corner to corner diagonal measurement		
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
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* Maximum distance measured between the edge of a sheet of Coroplast 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.

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