



Durable Corrugated Sheets for Graphics, Signage and Packaging



ORBIS offers a variety of corrugated plastic sheet material for signage and packaging purposes. These multi-purpose sheets are ideal for the signage industry and can be used for indoor and outdoor applications and are easily screen printed. This material can also be used in the packaging industry for protective dunnage, layer pads and plastic bins.

ORBIS' rigid, yet lightweight corrugated sheets are available in a wide range of colors and thicknesses from 2mm to 6mm. The material is fully reusable, highly cleanable and 100% recyclable. Additionally, these sheets are:

- Non-toxic
- Available in FDA grade material
- Fade resistant
- Easy to die-cut to any shape
- Fold resistant
- Moisture and mold resistant

The experts at ORBIS work with a wide variety of companies to evaluate their application and meet their printing and packaging needs.

ORBIS is North America's leader in reusable packaging. Plastic reusable packaging improves the flow of product all along the supply chain, to reduce total costs and drive sustainability. ORBIS uses proven expertise, industry-leading knowledge and superior products to create reusable packaging systems that help world-class companies move their products faster, safer and more cost effectively. Call ORBIS today to learn more.

General Product Tolerances — Corrugated Plastic Sheet

Sheet	Categories	Specifications	Tolerances
2mm	Gauge — millimeters	2 mm	+/- .15mm
	Density — grams/sq. meter	450	+/- 5%
	Density — lbs/1000 sq.ft.	92	+/- 5%
	Dyne Level — dyne/cm	46	46 minimum
	Skin Thickness — inches	.0065	+/- .0015
	Flute Thickness — inches	.0065	+/- .0015
3mm	Gauge — millimeters	3mm	+/- .15mm
	Density — grams/sq. meter	600	+/- 5%
	Density — lbs/1000 sq.ft.	123	+/- 5%
	Dyne Level — dyne/cm	46	46 minimum
	Skin Thickness — inches	.008	+/- .002
	Flute Thickness — inches	.008	+/- .002
4 mm COLOR	Gauge — millimeters	4mm	+/- .15mm
	Density — grams/sq. meter	700	+/- 5%
	Density — lbs/1000 sq.ft.	143	+/- 5%
	Dyne Level — dyne/cm	46	46 minimum
	Skin Thickness — inches	.009	+/- .002
	Flute Thickness — inches	.009	+/- .002
4mm WHITE NAT. COLOR	Gauge — millimeters	4mm	+/- .15mm
	Density — grams/sq. meter	750	+/- 5%
	Density — lbs/1000 sq.ft.	153	+/- 5%
	Dyne Level — dyne/cm	46	46 minimum
	Skin Thickness — inches	.009	+/- .002
	Flute Thickness — inches	.009	+/- .002
5mm	Gauge — millimeters	5mm	+/- .15mm
	Density — grams/sq. meter	1000	+/- 5%
	Density — lbs/1000 sq.ft.	205	+/- 5%
	Dyne Level — dyne/cm	46	46 minimum
	Skin Thickness — inches	.013	+/- .002
	Flute Thickness — inches	.013	+/- .002
6mm	Gauge — millimeters	6mm	+/- .15mm
	Density — grams/sq. meter	1400	+/- 5%
	Density — lbs/1000 sq.ft.	286	+/- 5%
	Dyne Level — dyne/cm	46	46 minimum
	Skin Thickness — inches	.018	+/- .0025
	Flute Thickness — inches	.018	+/- .0025

Property	Tolerances	
WIDTH	2mm through 6mm	+/- 1/8"
From Slitter:	2mm through 6mm	+/- 1/8"
LENGTH	2mm through 6mm	
	36" or less	-0 +3/4"
	36"	-0 +1 1/8"
	66" or less	-0 +1 1/2"
	Over 96"	-0 +2"
From Slitter:	All sizes	-0 +1/8"
SQUARENESS:	The difference in length between the corner to corner diagonal measurement.	
	Under 60"	Max 3/8"
	Over 60"	Max 5/8"
	From Slitter: Under 60"	Max 1/8"
	60"-72"	Max 1/4"
Over 72"	Max 5/16"	
WARP —BOW:	Maximum height above a flat surface of any portion of a sheet.	
	Under 96"	Max 1/4"
	Over 96"	Max 1"
	70" x 70" or larger	Max 2"
STRAIGHTNESS:	Maximum distance measured between the edge of a sheet and a straight edge when the two corners of the sheet touch the straight edge.	
	Under 98"	Max 1/8"
	Over 98"	Max 3/16"

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