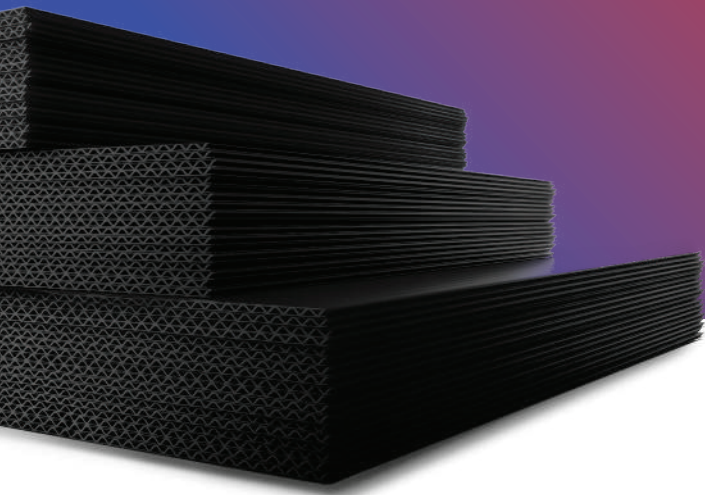


Wave-Core™

Utility-Grade Sheets



Wave-Core™ Utility-Grade Sheets are made utilizing a blend of durable virgin High-Density Polyethylene (HDPE) and Liberty's cost-conscious, black repelletized material formulations produced using post-industrial collected secondary material. Liberty's Utility-Grade triple-layer fluted materials are offered in industry standard cut sizes with an extruded nominal thickness of 4MM with two board densities manufactured to give the end user cost savings and product performance benefits. Wave-Core Utility-Grade Sheets are available in utility black with short lead-times and available stock allowing for quick shipment and are categorized as curbside, Class-2 recyclable that can be disposed of using traditional collection systems.

The HDPE Difference



DURABLE

- UV resistant
- Withstands extreme temperatures-heat & cold
- Corrosion resistant-holds up to solvents, alcohols, acids, & alkalis
- High tensile and tear strength
- Strong impact performance

FLEXIBLE

- Bends, folds, and rolls without cracking or breaking
- Folds with no "craze" or "white out"

RECYCLABLE & REUSABLE

- Eliminates the need for disposable packaging

Standard Size Offerings

- 40" x 40" - Low Density (UGL4040)
- 40" x 40" - High Density (UGH4040)
- 40" x 48" - Low Density (UGL4048)
- 40" x 48" - High Density (UGH4048)
- 48" x 48" - Low Density (UGL4848)
- 48" x 48" - High Density (UGH4048)
- 48" x 96" - Low Density (UGL4896)
- 48" x 96" - High Density (UGH4896)
- 96" x 48" - Low Density (UGL9648)
- 96" x 48" - High Density (UGH9648)

Material Construction

- 4MM Thick
 - Black, Triple-Layer (Higher Renewed Polymer) High-Density Polyethylene
 - Low Density: 680 g/m² (140# Board Weight)
 - High Density: 1,070 g/m² (220# Board Weight)
- (Materials are not specified for FDA)*



Advantages

- Quick lead-times on manufacturing and in-stock inventory.
- Price competitive alternative to traditional fluted Polypropylene.
- Curbside Class-2 Recyclable.

Custom Sizes

- 12 Pallet Minimum

Product Tolerances

Color	Black
Surface Treatement	Minimum Dyne Level / 54 (minimum)
Material Density	Low Density - 680 g/m2 High Density - 1,460 g/m2
Board Weight	Low Density-.14 lbs/sq. ft. High Density-.22 lbs/sq. ft.
Sheet Thickness	Nominal 4MM +/-0.010"
Sheet Width Tolerance	-0 + 1.25"
Sheet Length Tolerance	-0 + 1.25"
Squareness	-0 + 1.25"
Warp	Max 1.0"
Ridge Heigh (at weld)	-0 -.020"
Shipment On Piece Count	-0/+10 % of order piece quantity

