IntePro® UltraSmooth

IntePro® UltraSmooth is manufactured using a patented process that delivers a corrugated polypropylene sheet with a unique surface making it optimal for printing. UltraSmooth offers unmatched print quality, higher output, and lower ink consumption.
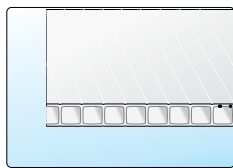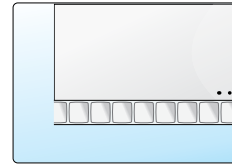

Features & Benefits

- Limits visible grooves or ribs when screen printing
- Standard and custom sheet sizes
- Waterproof
- Recyclable
- Elevates digital printing
- Thickness: 4 mm
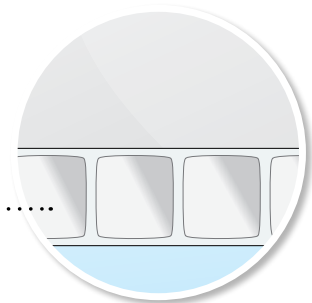- Color: white

Applications

- In store displays
- Tradeshows and exhibits
- Point of purchase displays
- Premium signage
- Real estate and political signs

Regular corrugated board

IntePro UltraSmooth board

IntePro®

Specifications

Width

Standard Sheet
- ±1/8"

Square Cut Sheet
- -1/16" to +1/8"

Length

Standard Sheet
- 96": 0" to +1"

Square Cut Sheet
- 96": ±1/4"

Squareness

(difference between diagonals)

Length of Standard Sheet
- 96": ≤ 1/2"

Length of Square Cut Sheet
- 96": ≤ 3/16"

Thickness

- ± 5%

Surface Treatment

- > 46 dyne/cm (4 mm)

Straightness

Length of IntePro is 96"
- If the ratio of Length to Width is 0 to ≤ 4, the Tolerance is ≤ 3/16"

Warp

(highest point of the sheet when place on a flat surface)

Length of IntePro is 96"
- If the Width is 48", the Tolerance is < 3/4"

Shipment Quantity

- -0% to + 5%

Smoothness Comparison

TEST 1: Hommel Tester T1000C

	Arithmetical mean roughness	Ten-point mean roughness	Maximum peak
IntePro UltraSmooth	69.29	306.10	373.20
Regular corrugated	298.80	1068.00	1238.00
Surface Superior Rate	431%	349%	332%

TEST 2: Surface Roughness (Rm)

	A	B	C	D	E
IntePro UltraSmooth	5.4	4.4	5.5	5.4	5.2
Regular corrugated	11.3	11.8	11.1	11.4	11.6
Surface Superior Rate	209%	268%	202%	211%	223%

For patent information, please visit www.inteplast.com/patents