



Specialty Vehicle *Food Trucks*

FEATURES

Highly durable plastics are used in a variety of applications within food trucks and are typically exposed to high temperatures, harsh cleaners, humidity, grease, and even the outside elements.

Various types of plastics may be utilized and formulated to meet or exceed necessary properties/performance.

Piedmont Plastics is proud to offer a wide selection of plastic materials that are well-suited for many food truck applications.



PARTNERSHIPS

Piedmont partners with specialty vehicle manufacturers, associations, engineers and designers to develop products that enhance quality and cost effectiveness for the Specialty Vehicle Industry.

PLEXIGLAS
www.plexiglas.com



PLASKOLITE



COMMON PRODUCTS

- Arkema Implex®
- Plaskolite® Duraplex®
- Plaskolite® Tuffak®
- AluPOLY® Aluminum Composite
- SteelPOLY® Steel Composite
- King CuttingColors®
- Vinyl Wrap

COMMON APPLICATIONS

- Menu Boards
- Countertops
- Windows
- Food Storage
- Wall Paneling
- Vinyl Wrap

COMMON PROPERTIES

- Lightweight
- Easily Cleaned
- Heat Resistant
- FDA Approved
- Impact Resistant
- Weatherability
- Chemical Resistant

CONTACT US

800.277.7898 Toll Free | 704.597.8200
5010 W. W.T. Harris Blvd | Charlotte, NC 28269
www.piedmontplastics.com



Physical Properties

PROPERTY	STANDARD	UNIT	VALUE
Gauge		mm	2mm (.080")
Gauge Tolerance		in.	± .006
Skin Thickness	DIN 1784	in.	.008
Skin Tolerance	DIN 1784	in.	± .0008
Weight		lbs/ft ²	.58
Length Tolerance		in.	-.080/+.157
Width Tolerance		in.	-.080/+.118
Horizontal Flatness	DIN ISO 1101	in.	.197
Longitudinal Roughness		in.	.315

Technical Properties

PROPERTY	STANDARD	UNIT	VALUE
Section Modulus W	DIN 53293	in ³ /yd	0.103
Rigidity	DIN 53293	kNm ² /m.	0.97
(Poisson's ratio $\mu = .3$) E.I			
Modulus of Elasticity	EN 1999 1-1	lbs/ft ²	10,153,660
Skin Tensile Strength	EN 485-2	lbs/ft ²	≥ 21,030
.2% Proof Stress	EN 485-2	lbs/ft ²	29 ≥ 13,053
Elongation	EN 485-2	%	3
Linear Thermal Expansion	EN 1999 1-1	in/yd/°F	2.4 at 212°F Temp. Diff.
Temperature Range		°F	-58° - 176°

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