

NUVEX Saniboard

Consistent and easy fabrication sets Nuvex Saniboard apart from other HDPE sheet products. Its fabrication advantages come from process technology developed over the years to minimize inherent stress and deliver exceptional flatness.

This versatile and durable material serves a wide variety of industrial and recreational applications. Standard sizes and colours in a variety textures are in stock, with fast lead times on a wide array of colours, patterns and sizes.



ADVANTAGES

- Resists most chemicals
- Odour & stain resistant
- Durable, high impact strength
- Low coefficient of friction
- Low moisture absorption
- Flatness & stability in fabrication

PROVEN APPLICATIONS

- Chemical tanks and covers
- Food processing equipment & surfaces
- Hockey rink surfaces, kick plates & official lines
- Hopper chutes & linings
- Machined industrial parts
- Toilet partitions, lockers

STANDARD SIZES

- Width, length: 48" x 96" Tolerance +1/2"/-0" L&W
- Thickness: 1/4" thru 2.0" Tolerance +/-5%

STANDARD COLOURS:

- Natural
- Black

STANDARD FINISHES:

- Smooth & textures

CUSTOM SIZES, COLOURS

- Contact inside sales for minimums, lead times

PHYSICAL PROPERTIES

Technical Data	Standard	Unit	Nuvex Saniboard
GENERAL			
Specific Gravity	D 792	****	0.96
ENVIRONMENT			
Water Absorption	D570	%	0.01
Abrasion Resistance	Taber CS 17	mg/1000	****
Oxygen Index	D2863	%	****
Flammability	UL 94	****	N.R.
	FM 4910	****	NO
Coefficient of Friction	C1894	Static	0.2.
	C1894	Dynamic	0.2
MECHANICAL			
Tensile Strength (yield)	D1708, D638	Mpa	24.8
Elongation (break)	D1708, D638	%	700
Flexural Modulus	D790 @ 23 C	Mpa	1206
Notched Izod Impact	D256 @ 23 C	N	13
Shore D Hardness	D2240	***	68
THERMAL			
Continuous Service Temperature	Maximum	°C	76
		°F	170
Melting Point	D3418	°C	131
	D3418	°F	267
Vicat Softening Point	D1525	°C	124
	D1525	°F	255
Coefficient of Expansion	E831 TMA	in/in/°F (10 ⁻⁵)	6.7
Deflection Temp (66psi)	D648	°C	73
(66psi)	D648	°F	163
Deflection Temp (264psi)	D648	°C	43
(264psi)	D648	°F	110

* Continuous Service Temperature based upon "non-chemical Dry Usage".

* Table data reflects ASTM based average typical vendor data.

* Data meant as general guidelines only.

* Specific applications require additional testing by the buyer.

* All properties based on standard unbacked product tests only

Disclaimer: The information contained herein though believed to be true in nature is meant as general guidelines only. As such Dotmar EPP PTY makes NO EXPRESSED OR IMPLIED WARRANTIES in regards to specific end uses of these materials. Each purchaser is responsible for establishing and determining the specific material requirements for a given application. Any direct or consequential damages resulting from the improper use of these materials are strictly the responsibility of the buyer. Dotmar limits its liability to the replacement value of any defective products. Dotmar will not be responsible for or held liable for the improper use of our materials in regards to patent infringements, nor should any of our literature be construed as an offer of indemnity for patent infringement.

NUVEX[®]
ARCHITECTURAL PRODUCTS

DOTMAR
ENGINEERING PLASTIC PRODUCTS