

Product Bulletin #600**Date: 5/28/70****Revision: 6/22/05****Page: 1 of 1****Geneerco #6: Nomex® Honeycomb Sandwich Structures**

The advent of the wide body commercial airplane called for new materials to meet new needs.

General Veneer Manufacturing Co. was among the first to use these materials in production and continues to develop new configurations. Please

contact us for more information regarding physical and mechanical properties of specific panel types.

Listed below are some of the combinations we currently make. Other products and custom configurations are available for specific applications.

Ty/CI	Top Face	Bottom Face	Thck. ¹	Core ²	Weight ³
1	.016 2024 T3	.012 2024 T3	0.400	1/4 4.0 LB	0.59
2	.035 Epoglass	.023 Epoglass	0.400	1/4 4.0 LB	0.772
3	.012 Titanium	.005 Titanium	0.375	3/16 6.0 LB	0.61
4	.025 2024 T3	.010 2024 T3	0.375	1/4 4.0 LB	0.692
5	.016 7075 T6	.010 7075 T6	0.375	1/8 6.0 LB	0.619
6	.030 Geneerco Epoglass	.020 Geneerco Epoglass	0.375	1/8 6.0 LB	0.836
7	.016 7075 T6	.010 7075 T6	0.400	1/8 5.0 LB	0.653
8	.015 Geneerco Uni-Glass	.015 Geneerco Uni-Glass	0.400	1/8 5.0 LB	0.52
9	.015 Geneerco Uni-Glass	.015 Geneerco Uni-Glass	0.400	1/8 9.0 LB	0.64
10	.022 Geneerco Uni-Glass	.022 Geneerco Uni-Glass	0.400	1/8 9.0 LB	0.78
11	.030 Geneerco Phenoglass	.020 Geneerco Phenoglass	0.375	3/16 6.0 LB	0.72
12	.040 Geneerco Phenoglass	.030 Geneerco Phenoglass	0.375	1/8 8.0 LB	0.97
13	.040 Geneerco Uni-Glass	.040 Geneerco Uni-Glass	0.375	1/8 9.0 LB	1.3
14	.015 Geneerco Uni-Glass	.015 Geneerco Uni-Glass	0.375	1/8 9.0 LB	0.62
15	.015 Geneerco Uni-Glass	.015 Geneerco Uni-Glass	0.375	1/8 5.0 LB	0.51
16	.015 Geneerco Uni-Glass	.015 Geneerco Uni-Glass	0.675	1/8 5.0 LB	0.64
19	.015 Geneerco Uni-Glass with .032 2024 T3 surface	.015 Geneerco Uni-Glass	0.432	1/8 9.0 LB	
20	.030 Geneerco Uni-Glass	.030 Geneerco Uni-Glass	0.400	1/8 11.0 LB	0.98
32	.015 Carbon/Epoxy	.015 Carbon/Epoxy	0.400	1/8 9.0 LB	0.58
33	.015 Carbon/Epoxy	.015 Carbon/Epoxy	0.400	1/8 5.0 LB	0.46
55/B	.020 Geneerco UGP	.020 Geneerco UGP	0.290	1/8 9.0 LB	0.74
55/D	.015 Geneerco UGP	.015 Geneerco UGP	0.400	1/8 9.0 LB	0.64
55/E	.015 Geneerco UGP	.015 Geneerco UGP	0.500	1/8 9.0 LB	0.74
55/F	.015 Geneerco UGP	.015 Geneerco UGP	0.600	1/8 9.0 LB	0.84
55/H	.015 Geneerco UGP	.015 Geneerco UGP	1.000	1/8 9.0 LB	1.15
65/AA	.030 Geneerco PG	.030 Geneerco PG	0.125	1/8 5.0 LB	0.72
65/A	.020 Geneerco PG	.020 Geneerco PG	0.250	1/8 5.0 LB	0.58
65/D	.020 Geneerco PG	.020 Geneerco PG	0.400	1/8 5.0 LB	0.60
65/F	.020 Geneerco PG	.020 Geneerco PG	0.600	1/8 5.0 LB	0.64
66/B	.020 Geneerco PG	.020 Geneerco PG	0.290	1/8 9.0 LB	0.64
66/D	.020 Geneerco PG	.020 Geneerco PG	0.400	1/8 9.0 LB	0.74
66/E	.020 Geneerco PG	.020 Geneerco PG	0.500	1/8 9.0 LB	0.78
66/F	.020 Geneerco PG	.020 Geneerco PG	0.600	1/8 9.0 LB	0.82
66/H	.020 Geneerco PG	.020 Geneerco PG	1.000	1/8 9.0 LB	1.14

¹Other thicknesses are available

²Core is available from 1/8 to 3/8 cell, 1.8 lb to 11.0 lb per cubic foot density.

³Pounds per square foot, nominal.

Geneerco PG=7781 phenolic fiberglass. Uni-Glass=unidirectional epoxy fiberglass. UGP=unidirectional phenolic fiberglass.

Nomex® honeycomb was developed with the advent of the wide-body commercial airplane for use in flooring, bulkheads, dividers, galley structures and lavatories. General Veneer Manufacturing Co. was among the first to use it in production. Nomex® core offers high impact resistance and compressive properties and performs superbly on the food cart roller test.

General Veneer Manufacturing Co. has been supplying lightweight parts and raw materials to the Aircraft and Aerospace Industry for over 50 years.

Nomex® is a registered trademark of DuPont.

General Veneer Manufacturing Co.

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