

DATA SHEET

GLT Products' Vinaflex® (VP) Noise Barrier is a flexible, mass loaded vinyl laminated to a quilted fiberglass decoupler on one or both sides. The combination forms a thin, lightweight acoustical product that displays excellent mechanical properties, while providing superior sound transmission loss.

Sound waves originating from the source will initially be absorbed by the fiberglass and then blocked by the mass loaded vinyl. Any reflected sound wave component will be further dissipated into the fiberglass absorber.

Vinaflex™ (VP) is also available with an added outer finish of scrim reinforced foil on one side. Vinaflex™ (VP) has been used extensively as a sound absorbing liner by original equipment manufacturers on their machinery housings, compartments, enclosures, walls, etc.



Standard Roll Sizes

VP1-100	1 lb/sq. ft.	54" x 30'
VP1-200	2 lb/sq. ft.	54" x 15'
VP2-100	1 lb/sq. ft.	54" x 30'
VP2-200	2 lb/sq. ft.	54" x 15'

Note: VP1 = 1" quilted fiberglass

VP2 = 2" quilted fiberglass

Acoustical Properties (Noise Transmission Loss (dB)/Frequency (Hz):

Hz	125	250	500	1000	2000	4000	STC
VP1-100	18	18	23	30	39	46	29
VP2-100	19	20	23	33	44	53	30
VP1-200	20	23	28	37	48	56	32
VP2-200	21	24	29	41	54	68	34

Typical Physical Properties of Components:

Product	Thickness	Service Temp.	Tensile Strength	Tear Strength	Elongation
FF-100 (1 lb/sq. ft.)	.10"	40° F to 180° F	400 psi	70 lbs/in.	200%
1" Fiberglass Decoupler	1"	-20° F to 350° F	NA	NA	NA
2" Fiberglass Decoupler	2"	-20° F to 350° F	NA	NA	NA

Vinaflex™ VP Noise Barrier, per ASTM E-84 "Surface Burning Characteristics of Building Materials", meets class A Rating

TS1202REV14.IV

For more information on GLT Products, please visit us online at www.gltproducts.com or call toll-free at **1-800-874-1748**.



HEADQUARTERS:

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