Material Summary Sheet

Acoustical Barriers

Novistop® acoustical barriers stop additional unwanted noise from penetrating enclosures and increase sound transmission loss (stops sound) in any noise control system. Novicon offers a variety of barriers in various configurations and densities. The heavier the barrier; the more noise is stopped! Novicon offers barriers in composite (sandwich) construction with Novisorb® acoustical foams for the ultimate noise barrier and absorption capability. Please see our Barrier Composites Materials Summary sheet for further information.

- Acoustical barriers are tough, flexible and flame resistant with excellent physical properties
- Available in densities of .5Lb, 1.0Lb, 1.5Lb and 2.0Lb per square foot
- Available in sheets, rolls or custom die-cut kits
- Custom configurations available upon customer requests

	NB-05	NB-10	NB-20	NB-10R	NB-10GVC	NB-06BPSA	NB-20BPSA
Material Description	Non Reinforced Vinyl	Non Reinforced Vinyl	Non Reinforced Vinyl	Reinforced Vinyl	Vinyl w/ Grey Reinforcing Cloth	Clear Faced Mineral Filled Bitumen	Clear Faced Mineral Filled Bitumen
PSA Backing	No	No	No	No	No	Yes	Yes
Nominal Weight (Lb/Ft^2)	0.50	1.0	2.0	1.0	1.0	.6	2.0
Thickness (in)	.045	.080	.168	.085	.085	.079	.200
Color	Black	Black	Black	Grey	Black w/ Grey Facing	Black	Black
Flammability							
UL94	Meets	Meets	Meets	Meets	Meets		
MVSS-302	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Self Extinguishing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sound Transmission Loss (dB)							
125Hz	7	15	20	13	15	* 15	*18
250Hz	15	16	21	17	16	21	24
500Hz	17	21	25	21	21	27	30
1000Hz	24	26	31	28	26	33	36
2000Hz	31	33	37	33	33	39	42
4000Hz	36	38	45	40	38	45	48
STC	22	26	32	27	26	31	35
Temperature Range	-20F - 200F	-20F - 200F	-20F - 200F	-20F - 200F	-20F - 200F	-20F - 200F	-20F - 200F
Intermittent	220F	220F	220F	220F	220F	220F	220F

The above data are typical values based on manufacturer or independent tests and are indicative only of the results obtained in those tests. They should not be considered as guaranteed maximums or minimums. Materials must be tested under actual service to determine their suitability for a particular purpose.

* Attached to .040 steel

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