



Noise, vibration and shock control

Tufcote - barriers and composites

We offer a complete range of Tufcote sound barriers and barrier composites in a variety of standard and custom configurations. Incorporating a sound barrier between a noise source and the receiver is traditionally one of the most effective ways to control the transmission of airborne noise. Barrier materials deflect and contain airborne sound waves by means of their mass. Our flexible Tufcote barriers offer distinct advantages over high stiffness materials, which exhibit a coincidence frequency at which they readily transmit noise. The barriers are loaded vinyl and urethane barriers with no lead content.

Benefits:

- High transmission loss and sound absorption performance - our barrier and absorber composites feature Tufcote acoustic foam bonded to one or both sides of a flexible barrier. They are available in two and three layer configurations
- Ideal for demanding environments - Tufcote barriers and composites meet the physical and performance requirements of virtually any application.

- Installation convenience of a single product - flexible and easy to cut and install
- Different grades - available in different grades and dimensions depending on your application requirements

Applications:

Ideal for airborne applications such as:

- Airplanes
- Helicopters
- Unmanned aircraft

Family	Product	Thick (in)	Size (in)	Unit (unless indicated)	Weight (lb/sq ft)
Non-reinforced barriers	WB-5	0.04	54X60 ft	ROLL	0.5
	WB-10	0.08	54X60 ft	ROLL	1
	WB-10	0.16	54X30 ft	ROLL	2
Barrier composites**	E-0-5-25	0.29	54X60 ft	ROLL	0.54
	E-0-10-50	0.33	54X60 ft	ROLL	1.04
	WGB-10-50	0.58	54X30 ft	ROLL	1.08
	E-0-10-100	1.06	54X30 ft	ROLL	1.16
	R 103-10CM-25	0.34	54X72*	SHEET	1.04
	R 104-10CM-25PSA34	0.35	54X72*	SHEET	1.06
	R 312-10PSA34-50SM	0.59	54X72*	SHEET	1.11
Barrier / absorber** composites	E-25-5-50RM	0.79	54X30 ft	ROLL	0.62
	E-25-10-50RM	0.83	54X30 ft	ROLL	1.12
	E-25-10-100RM	1.33	54X30 ft	ROLL	1.2
	E-25-10-100TBK/PSA20	1.33	54X75	SHEET	1.2
	E-25-16-50SM/PSA34	0.9	54X84*	SHEET	1.73
	E-25-16-100RM/PSA20	1.3	54X68*	SHEET	1.9
	R 403-25-10-50SM	0.83	54X72*	SHEET	1.12
	R 603-25-10-75SM	1.09	54X72*	SHEET	1.16
	R 803-25-10-100SM	1.35	54X72*	SHEET	1.2
	R 413-25-10-50RM	0.83	54X72*	SHEET	1.12
	R 613-25-10-75RM	1.09	54X72*	SHEET	1.16
	R 813-25-10-100RM	1.35	54X72*	SHEET	1.2

* Materials will be untrimmed. Usable material size is as listed.

** Other composite constructions can be manufactured

Contact us

Trelleborg Applied Technologies delivers innovative and reliable solutions that maximize business performance to meet your needs. Our dedicated and highly skilled staff are always on hand to provide seamless process support from initial idea, through to delivery and beyond.



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