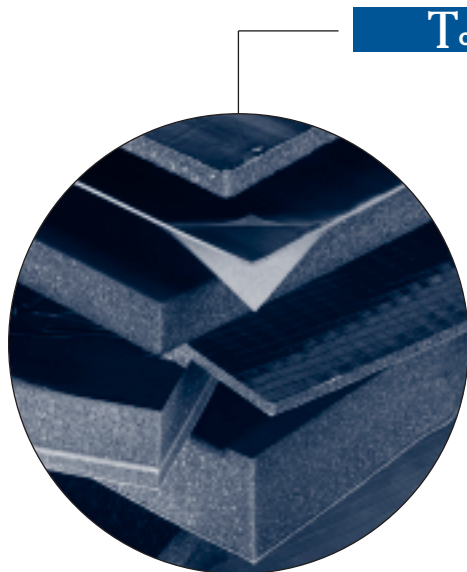


Barriers / Composites



To meet the the physical and performance requirements of virtually any application, E-A-R Specialty Composites offers a complete line of TUF-COTE sound barriers and barrier composites, in a variety of standard and custom configurations.

Incorporating a sound barrier between a noise source and receiver is traditionally one of the most effective means to control the transmission of airborne noise. Barrier materials deflect and contain airborne sound waves by means of their mass. E-A-R's flexible barriers offer distinct advantages over high stiffness materials, which exhibit a coincidence frequency at which they readily transmit noise.

E-A-R's barrier and barrier/absorber composites feature TUF-COTE acoustic foam bonded to one or both sides of a flexible barrier. Available in two- and three-layer configurations, our barrier composites combine excellent noise transmission loss and sound absorption performance with the installation convenience of a single product.

- Loaded vinyl or urethane barriers—no lead content
- Flexible, easy to cut and install
- High transmission loss performance
- Numerous constructions available
- Ideal for demanding environments

Family	Product	Thick (in)	Size (in) <i>(unless indicated)</i>	Unit	Weight <i>(lbs/sq ft)</i>
NON-REINFORCED BARRIERS	WB-5	0.040	54 X 60 ft	ROLL	0.50
	WB-10	0.080	54 X 60 ft	ROLL	1.00
	WB-20	0.160	54 X 30 ft	ROLL	2.00
SPECIAL PURPOSE BARRIERS	MB-75	0.090	38 X 60 ft	ROLL	0.75
	MB-100	0.140	38 X 45 ft	ROLL	1.00
	MB-150	0.190	38 X 30 ft	ROLL	1.50
	EMB-100	0.100	48 X 60 ft	ROLL	1.00
	EMB-150	0.150	48 X 30 ft	ROLL	1.50
PIPE LAG	LAG-10	0.100	48 X 60 ft	ROLL	1.00
BARRIER COMPOSITES**	E-0-5-25	0.29	54 X 60 ft	ROLL	0.54
	E-0-10-25	0.33	54 X 60 ft	ROLL	1.04
	WGB-10-50	0.58	54 X 60 ft	ROLL	1.08
	E-0-10-100	1.06	54 X 30 ft	ROLL	1.16
	R103-10CM-25	0.34	54 X 72*	SHEET	1.04
	R104-10CM-25PSA34	0.35	54 X 72*	SHEET	1.06
	R312-10PSA34-50SM	0.59	54 X 72*	SHEET	1.11
BARRIER/ABSORBER** COMPOSITES	E-25-5-50RM	0.79	54 X 30 ft	ROLL	0.62
	E-25-10-50RM	0.83	54 X 30 ft	ROLL	1.12
	E-25-10-100RM	1.33	54 X 30 ft	ROLL	1.20
	E-25-16-50SM/PSA34	0.90	54 x 84*	SHEET	1.73
	E-25-16-100RM/PSA20	1.30	54 x 68*	SHEET	1.90
	R403-25-10-50SM	0.83	54 X 72*	SHEET	1.12
	R603-25-10-75SM	1.09	54 X 72*	SHEET	1.16
	R803-25-10-100SM	1.35	54 X 72*	SHEET	1.20
	R413-25-10-50RM	0.83	54 X 72*	SHEET	1.12
	R613-25-10-75RM	1.09	54 X 72*	SHEET	1.16
	R813-25-10-100RM	1.35	54 X 72*	SHEET	1.20

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

** Other composite constructions can be manufactured