

Noise Barrier/Sound Absorber Composite

Unger's UNC-13 offers the benefits of a noise barrier and a sound absorber. The UNC-13 consists of a vinyl-coated-fiberglass-cloth facing on 1" quilted fiberglass that is bonded to a reinforced 1-lb psf loaded vinyl barrier. Curtain panels are constructed with grommets across the top and Velcro along the vertical edges. Rolls are available 54" wide x 25' long and can be supplied with edges bound or unbound (note: barrier is 54" wide, quilt is held 3" in from each vertical edge, and measures 48")



- Class A (or 1) flammability rated per ASTM E84
- Available facing colors: gray, white, black, or tan
- Available barrier colors: gray, tan, or blue

Applications:

Typically used as curtain panels in acoustical curtain enclosures where abuse resistance or excellent durability is required. Frequently used as partition walls and sliding doors on acoustical curtain enclosures. Also, preferred for use in outdoor applications, as well as a durable acoustical wrap.

Product Data

Description	Vinyl coated fiberglass cloth facing on 1" quilted fiberglass/ 1lb-psf reinforced loaded vinyl barrier
Flammability	Flame Spread: 23.0 Smoke density: 30.0
Nominal thickness	1.0 inch
Temperature range	-20° to +180° F
Standard width	54" wide
Roll length	25' long
Weight	1.3 lb psf

Acoustical Performance:

Sound Transmission Loss

Product	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
UNC-13	11	16	24	30	35	30	27

ASTM E-90 & E 413

Sound Absorption Data

Product	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
UNC-13	.12	.47	.85	.84	.64	.62	.70

ASTM C 423