



# Material Specification Sheet

## UE Series

Material: UE Series - UL Rated Ether Foam

Description: The UE Series is an acoustical grade, open cell, flexible ether foam designed to provide maximum sound absorption per given thickness. This material is UL recognized as UL-94 HF-1.

Technical Specifications				
Physical Property	U/M	Test Method	Value	Notes
Air Permeability		ASTM-C522	.6 - 2.2	Exhaust Capacity (SCFM-M3/Min.)
Color		*	Charcoal	
Compression Set	%	ANSC/ASTM-D3574 Test D	10	Max @ 50% Deflection
Density	PCF	ANSC/ASTM-D3574 Test A	2.0	+/- 2
Elongation	%	ANSC/ASTM-3574 Test E	90	minimum
Flammability		FAR.853(b)	PASS	
Flammability		SAEJ-369(b)	PASS	
Flammability		UL-94	HF-1	
Maximum Temperature	F		228	
Minimum Temperature	F		-45	
Pore Size	PPI		60	+/-10
Tear Resistance	PIN	ANSC/ASTM-D3574 Test F	1.1	Minimum
Tear Strength	PSI	ANSC/ASTM-D3574 Test E	19	+/-3
Thermal Conductivity	BTU	ASTM C-177	.25	

\* Color

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