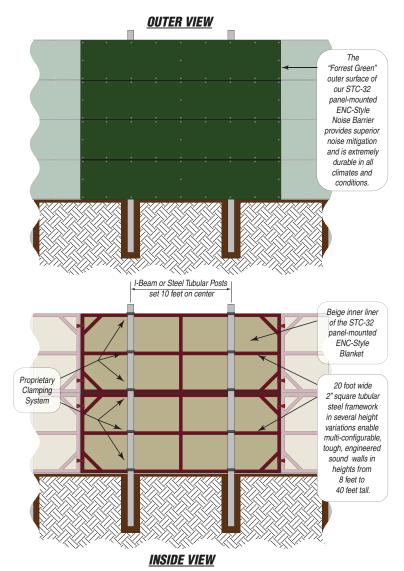
Environmental Noise Control

## **PRODUCT SPECIFICATIONS SHEET**

## **ENC STC-32 SOUND CONTROL PANEL SYSTEM**

ENC STC-32 Acoustical Blankets are designed to provide optimum sound control in blocking and absorbing unwanted noise. Our ENC STC-32 blankets are manufactured using state-of-the-art acoustical composite materials. The sound blankets are fabricated with polyvinyl-chloride coated outer shells; two layers of noise absorbing and blocking material; a specially developed inner core and an X-5 septum barrier.



The STC-32 blankets have been laboratory and field tested, confirming optimum performance in the absorption and blocking of unwanted noise. They have proven to be highly effective in resisting the elements and withstanding the hard, repetitive usage of the drilling rig environment. An independent acoustical laboratory has conducted tests, in accordance with ASTM E-90 and ASTM E-413 requirements, to measure sound transmission loss and validating the Sound Transmission Class rating of STC-32.

The ENC composite barrier/absorber blankets, which are laboratory tested and certified, meet or exceed the following specifications:

## **PRODUCT SPECIFICATIONS** Oil resistant, UV resistant and anti-fungal, self-drying Poly-vinyl-chloride outer shells specifications Conforms to California Construction Codes After flame: 2 seconds Length of char: 3.5

- Weight: 2 lbs. per square foot
- Working temperature: -40 degrees to +200 degrees F ٥
- Sound Transmission Class rated at STC-32 in ٥ accordance with ASTM E-413
- $\diamond$ Wind load rating constructed to International Building Code (IBC).

<sup>3</sup> ∕ <sub>2</sub> Octave Band Center Frequency	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	STC
Transmission Loss	16 dB	20 dB	18 dB	16 dB	16 dB	17 dB	19 dB	23 dB	26 dB	32 dB	STC
% Octave Band Center Frequency	630 Hz	800 Hz	1000 Hz	1250 Hz	1600 Hz	2000 Hz	2500 Hz	3150 Hz	4000 Hz	5000 Hz	32
Transmission Loss	34 dB	35 dB	35 dB	36 dB	36 dB	36 dB	37 dB	39 dB	40 dB	43 dB	

TEXAS

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## **ENVIRONMENTAL** NOISE CONTROL, INC.



Please visit our web sites: www.drillingnoisecontrol.com www.environmental-noise-control.com

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  - Flame retardant to California Fire Marshall F-419.01
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