

## Gasket Aging

<b>Prepared for:</b>  Converttec Limited Whitemill Industrial Estate Wexford, Ireland  Attention: Dr. Werner Wölfle	<b>Test Dates</b>
	<b>Start:</b> 5/1/2008 <b>Completion:</b> 5/15/2008
	<b>Environ Test Number:</b> <b>37610-7</b>
	<b>Purchase Order Number:</b> <b>POR001240</b> <b>Purchase Date:</b> 4/7/2008

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Environ Laboratories LLC certifies that six Samples from two Gaskets (three samples of each) were subjected to a Gasket Aging Test in accordance with *NEMA Specification 250*, Section 5.14, as requested in Converttec Limited purchase order POR001240, dated April 7, 2008.

<b>Manufacturer</b>	CONVERTEC LIMITED
<b>Device</b>	12 Gasket Samples: 2 sets of 3 Gasket Material Samples for Testing and 2 sets of the same 3 Gasket Material Samples for Control
<b>Model/Part Number</b>	Not applicable
<b>Serial Number</b>	Sample sets marked "Sample Gasket 1" and "Sample Gasket 2"

*The results of this test apply only to the units identified in this Engineering Report by device identifier and model / part number, or serial number.*

The samples were subjected to 70°C for 168 hours. The samples were allowed to cool and were visually examined; there was no evidence of degradation. The samples were tested for tensile strength and elongation. The tensile frame grips were placed approximately inch apart on each 2 inch sample. The samples were pulled at a rate of 1 inch per minute. The aged samples met the post-test requirements for tensile strength and elongation.



Nora R. Somers, Technical Writer



David J. Ball, Telecommunications Project Engineer

## Instrumentation

All instrumentation is calibrated regularly by instruments directly traceable to the National Institute of Standards and Technology, and in accordance with *MIL-I-45208A*, *ANSI/NCSL Z540.3-2006*, and *ISO/IEC 17025: 2005*.

Equipment Number	Description	Manufacturer	Model Number	Last Calibration	Due Calibration	Range
200-247	Temperature Controller	Thermotron	2800	4/21/2008	4/21/2009	-87 to +190.6°C
200-248	Temperature Chart Recorder	Honeywell	DR485AT-1100-00-000-0-000P00-0	12/18/2007	6/18/2008	-60 to 150°C
501-065	Humidity and Temperature Chamber	Thermotron	SM-5.5C	N/A	N/A	-73 to 180°C; 10 to 98% RH
740-065	Universal Testing Machine	Instron	4502	2/12/2008	8/12/2009	0 to 2250 lbs
745-040	Static Load Cell	Instron	2518-804	2/12/2008	8/12/2009	0 to 2248 lbs