TECHFLEX
Braided Sleeving Products

THERMA SHIELD

LABORATORY TEST REPORT

REPORT #	Thermal 07-32.
DATE:	2 TESTS: November 5, 2007 and November 9, 2007.
SAMPLE:	1 Specimen of Thermashield T6; Nominal Size = 1/2".
ANALYSIS:	Thermal Resistance.
OBJECTIVE:	No breaking of adhesive or delaminating.
SCOPE:	Applicable for T6 products.
METHOD:	M-FPM37, ref. SAE J2302.
SPECIFICATIONS :	Sustaining product at approximately a 90º angle for a period of 6 hours, at 250º C (482º F) will cause no delaminating or breaking of the sleeve.
EQUIPMENT:	Hot Box Code: IICC-01, see Page 2.
ANALYSIS CONDITIONS:	Temperature of the heat source = 760ºC (1,400ºF). The sleeve distance from the heat source = 10mm (≈ 3/8"). The two Thermocouples were placed on the surface of the sleeve to measure the temperature of 250ºC (482ºF) during the test on November 5, 2007. Please note that during the test on November 9, there were no Thermocouples because the conditions of this test were equal to the report from November 5.
RESULTS:	**After completing the 6 hours of testing a visual inspection of the specimen was conducted, resulting in no evidence of any delaminating or breaking the adhesive.** See pages 3 and 4. **Pass** ☑ Fail ☐
CONCLUSIONS:	In this severe testing environment we have proven that T6 Thermashield and T6 adhesive can withstand long term extreme temperatures. After the test our product remained flexible and resilient.

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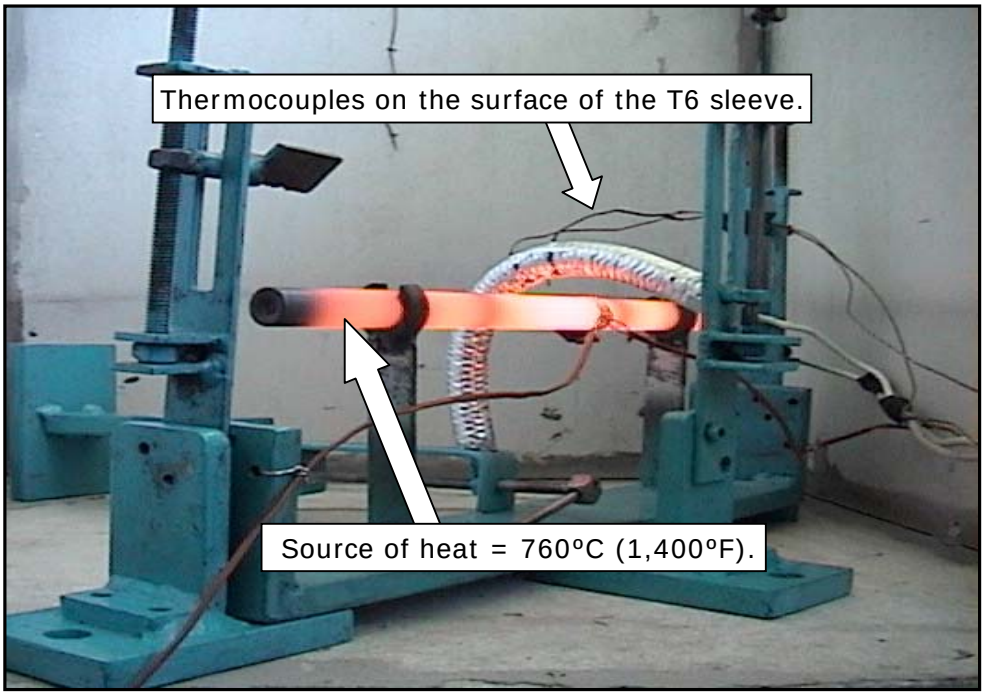
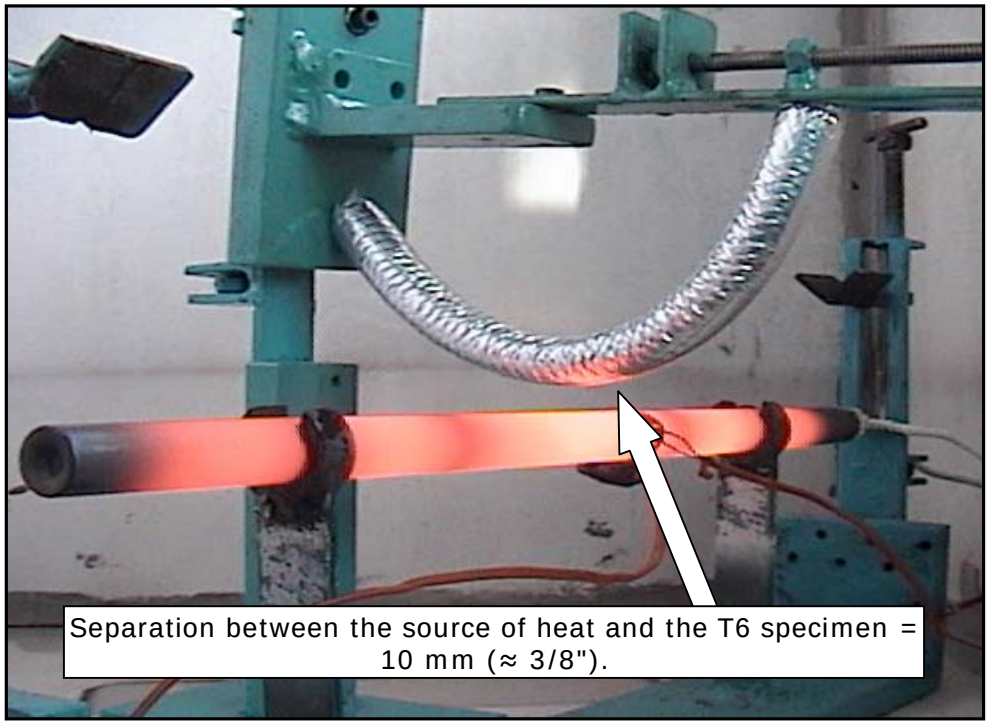
TESTING EQUIPMENT



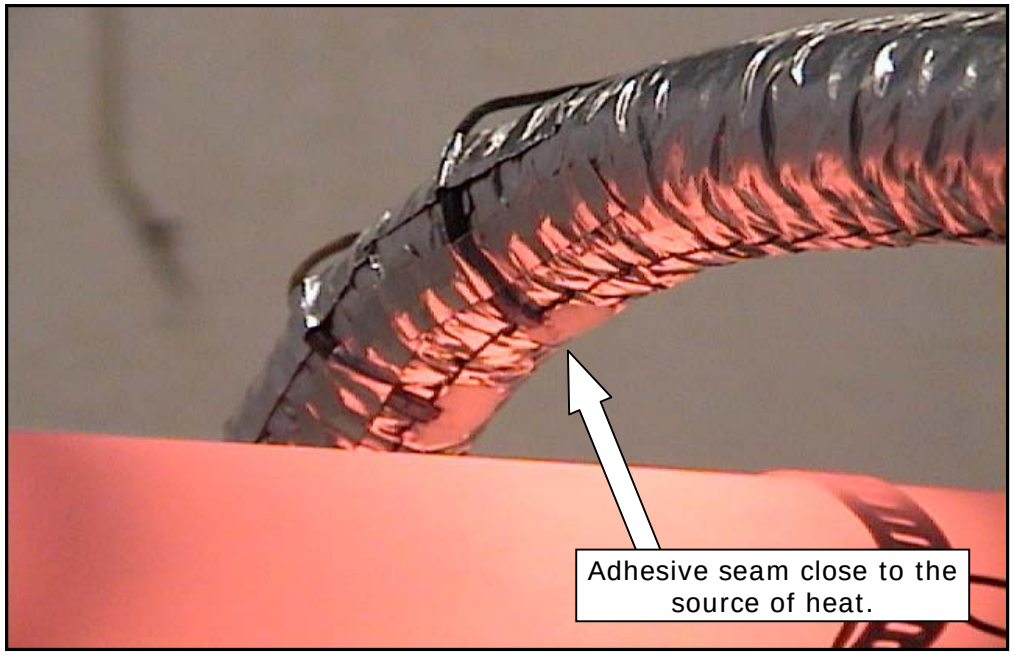
November 5, 2007



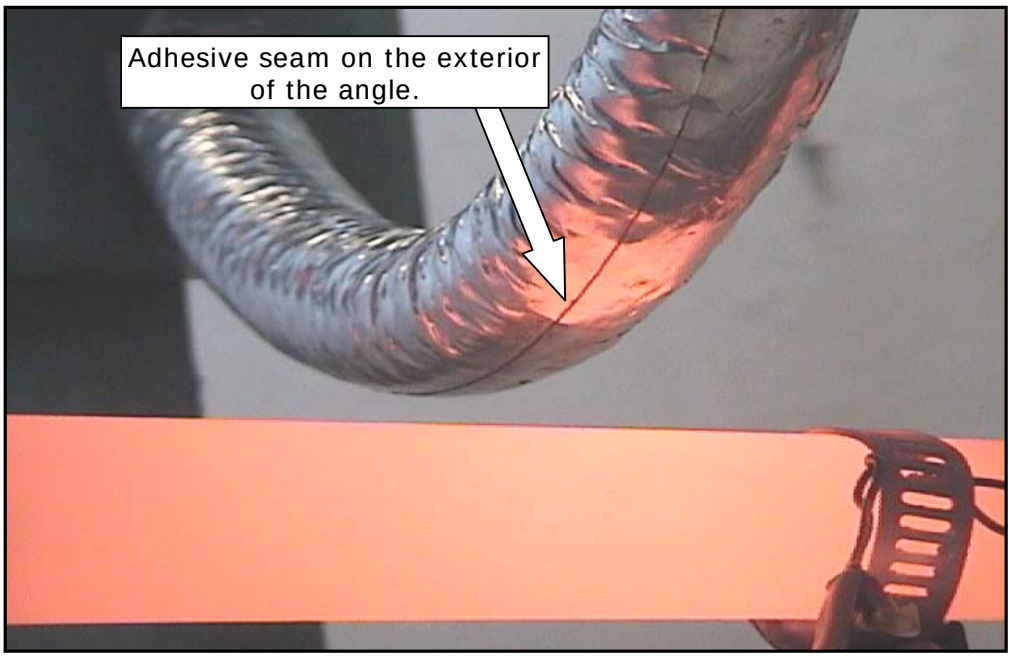
November 9, 2007

LABORATORY TEST REPORT

SPECIMEN AFTER 6 HOURS OF TESTING



November 5, 2007



November 9, 2007

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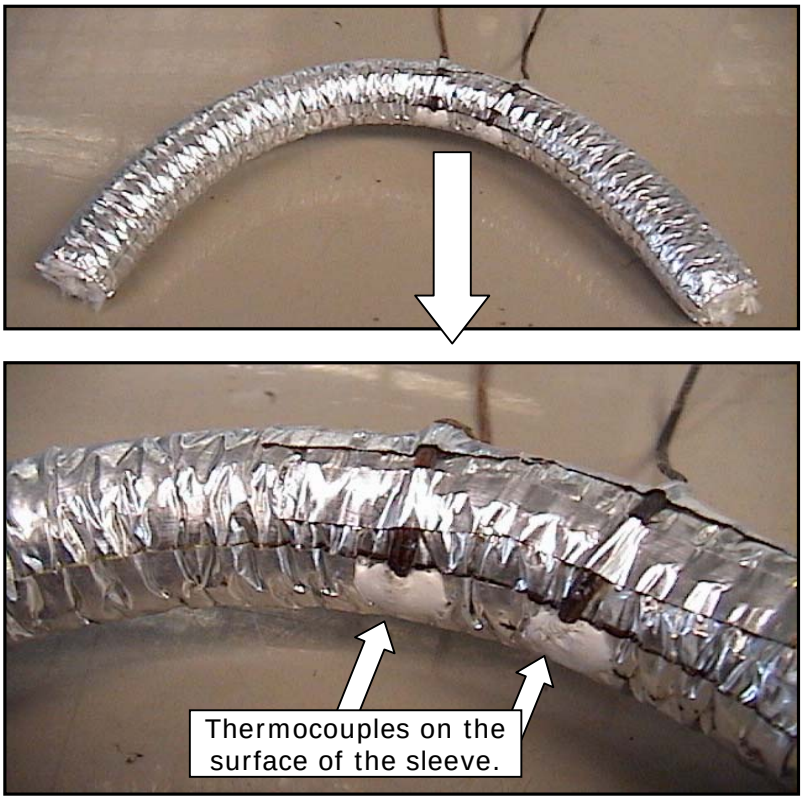
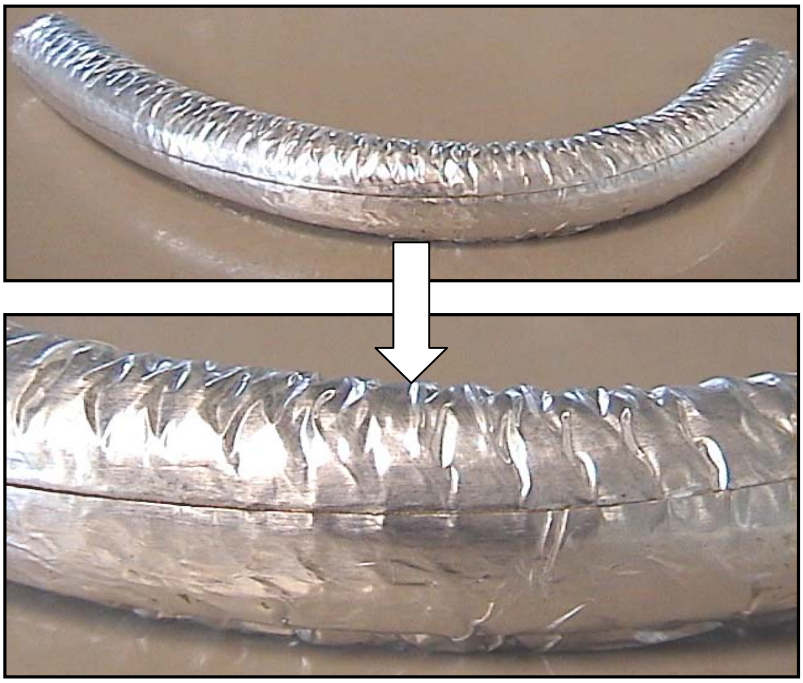
SPECIMEN AFTER 6 HOURS OF TESTING



November 5, 2007



November 9, 2007

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