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CLIENT: Flame Tech Inc.
198 Kapp Street
Winston-Salem, NC 27105

Test Report No: 173782-R1	Date: February 4, 2003
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Revised Date: February 12, 2003

This report supercedes all previous documents bearing the reference #173782

The following sample was submitted by the Client as:

Fire Seal

DATE OF RECEIPT: January 6, 2003.

TESTING PERIOD: January 28, 2003

AUTHORIZATION: Client Letter

TESTS REQUESTED: The submitted sample was tested in accordance with the procedures outlined in ASTM E136-98, "Standard Test Method for Behavior of Materials in a Vertical Tube Furnace of 750°C".

PREPARED BY:

A handwritten signature in black ink, appearing to read "John H. Van Houten, Sr.", with a small "for" written below it.

John H. Van Houten, Sr. Supervisor
Fire Technology
rm

**SIGNED FOR AND ON BEHALF OF
SGS U.S. TESTING COMPANY INC.**

A handwritten signature in black ink, appearing to read "Frank Savino".

Frank Savino, Manager
Materials Evaluation

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SGS U.S. Testing Company Inc.

Report No.:

173782-R1

DATE: 2/03/03

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Revised Date: 2/12/03

CLIENT: Flame Tech Inc.

TEST RESULTS:

<u>Specimen</u>	<u>Furnace Temperature, °F</u>	<u>Maximum Surface Thermocouple, °F</u>	<u>Maximum Interior Thermocouple, °F</u>	<u>Weight Loss, Percent</u>
1	1382	1300	1240	4.3
2	1382	1300	1260	4.1
3	1382	1280	1260	4.0
4	1382	1300	1280	4.3

Observations: Discoloration, flashing, charring, flaming, light smoke no burning.

REQUIREMENTS:

Temperature of the surface and interior thermocouples does not, at any time during the test, rise more than 54°F above the furnace air temperature (1382°F), there shall be no flaming from the specimen after the first 30 seconds. Also, the weight loss of the specimen during testing exceeds 50%, the recorded temperature of the surface and interior thermocouples do not at any time during the test rise above the furnace air temperature at the beginning of the test, and there is no flaming of the specimen.

CONCLUSION:

The submitted sample complies with the requirements as specified in ASTM E136-98.

	<u>Original Weight</u>	<u>Final Weight</u>
1	116.0	111.0
2	108.5	104.0
3	112.3	107.5
4	108.7	104.0

End of Report