

CLIENT: TRIGON MFG., INC.
625 S. Rockford Drive
Tempe, AZ 85281
Nate Elder

Test Report No: 176541-2

Date: May 7, 2003

SAMPLE ID: The Client submitted and identified the following test material as Gray Material coated .020" to .025" on 20 gauge galvanized steel.

DATE OF RECEIPT: Entered into SGS USTC sample tracking system on April 23, 2003 as STN 36335.

TESTING PERIOD: May 6, 2003.

AUTHORIZATION: Testing authorized by Nate Elder.

TEST REQUESTED: The submitted sample was tested for surface flammability in accordance with the procedures outlined in ASTM E162-02e, "Surface Flammability of Materials Using a Radiant Heat Energy Source".

TEST RESULTS: Average Flame Spread Index

5.39

For detailed results see page 2.

Tested by

Brian Ortega
Test Technician

**Signed for and on behalf of
SGS U.S. Testing Company Inc.**

Greg Banasky
Supervisor Fire Technology

Page 1 of 2

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PREPARATION AND CONDITIONING: Specimens were submitted in four pieces 6" wide by 18" long. Prior to testing the specimens were pre-dried for 24 hours at 140° F and then conditioned to equilibrium at a temperature of 73 ± 5° F and a relative humidity of 50 ± 5%. The specimens were wrapped with aluminum foil.

TEST RESULTS:

<u>Specimen Number</u>	<u>Flame Spread Factor, Fs</u>	<u>Heat Evolution Factor, Q</u>	<u>Flame Spread Index, Is</u>
1	2.50	1.32	3.30
2	2.60	1.98	5.51
3	2.52	2.63	6.63
4	<u>2.48</u>	<u>2.63</u>	<u>6.52</u>
Average	2.53	2.14	5.39

OBSERVATIONS: Surface flaming to the 9" mark was observed on all specimens. The Average Flame Spread Index is 5.39. The average temperature rise is 9° C.

End of Report