

APPROVAL REPORT

Project No.: 3043217

Class: 4950

Product Name: 180 Carbon Mat, 3200SS, 3200RS, VCF2500, 3400S 84215HC, 2025HC, 2025, 2400, 3500, 2400O, 3500O, 332B, 2523RA, 2523SA, 2300, 2800, 1500SS, 1700SS, 1700RS, 1700WS, 2000SS, 2000OS, 1750LSS, 1750LRS, VCF1800, 1800S, Vue-Gard 1400

Product Type: Welding Pads, Welding Blankets and Welding Curtains for Hot Work Operations

Name of Report Holder: Integrated Marketing Group

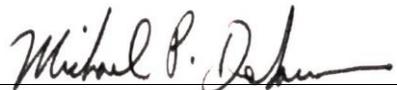
Address of Report Holder: 1740 W. Katella Ave. Suite A
Orange, CA 92867, USA

Address of Manufacturer: Gongba Road, Industry Development Town
Xuyu Town, Huai'an City, Jiangsu Province
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Customer ID: 134971

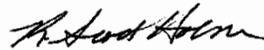
Customer website integratedmarketing-group.com

Prepared by



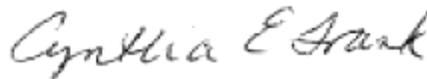
Michael P. DeSousa
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Reviewed by



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Cynthia Frank, AVP, Group Manager
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2/5/13

Date of Approval

1 INTRODUCTION

1.1 Integrated Marketing Group requested Approval of their welding pad, blankets and curtains listed in Section 1.4 to determine if they meet the Approval requirements of the FM Approvals **Standard** listed in Section 1.3 below for welding pads, blankets and curtains for use in hot work operations.

1.2 This report may be freely reproduced only in its entirety and without modification.

1.3 FM Approvals Standard

Title	Class Number	Issue Date
Approval Standard for Welding Pads, Welding Blankets and Welding Curtains for Hot Work Operations	4950	April, 2002

1.4 Listing: The products will appear in the Approval Guide, an on-line resource of FM Approvals, as follows:

Miscellaneous Loss Prevention Equipment; Welding Pads For Use in Hot Work Operations

Style 180 Carbon Mat

Miscellaneous Loss Prevention Equipment; Welding Blankets For Use in Hot Work Operations

Style 3200SS, Style 3200RS
 Style 3400S
 Style VCF2500

Miscellaneous Loss Prevention Equipment; Welding Curtains For Use in Hot Work Operations

Style 84215HC
 Style 2025, Style 2025HC
 Style 2300
 Style 2400, Style 2400O
 Style 3500, Style 3500O
 Style 332B
 Style 2523RA, Style 2523SA
 Style 2800
 Style 1500SS
 Style 1700SS, Style 1700RS, Style 1700WS
 Style 2000SS, Style 2000OS
 Style 1750LSS, Style 1750LRS
 Style VCF1800
 Style 1800S
 Style Vue-Gard 1400

2 DESCRIPTION

2.1 Integrated Marketing Group Welding pad, welding blankets and welding curtains are described as follows:

<u>Style Number</u>	<u>Description</u>	<u>Weight</u>	<u>Thickness</u>
180 Carbon Mat	Needled carbon mat	16 oz/sy	1/8"-1"
3200SS	32 oz. satin weave, silver silicone	32 oz/sy	.037"
3200RS	32 oz. satin weave, red silicone	32 oz/sy	.037"
3400S	34 oz. silica, loom state	34 oz/sy	.050"
VCF2500	25 oz. plain weave, black vermiculite	25 oz/sy	.030"
84215HC	8.5 oz. plain weave, tan, heat cleaned	8.5 oz/sy	.018"
2025	18 oz. plain weave, white, loom state	17.7 oz/sy	.028"
2025HC	18 oz. plain weave, tan, heat cleaned	17.7 oz/sy	.028"
2300	23 oz. plain weave, yellow acrylic	23 oz/sy	.034"
2400	24 oz. plain weave, white, loom state	24 oz/sy	.040"
2400O	24 oz. plain weave, dyed orange	24 oz/sy	.040"
3500	35 oz. plain weave, white, loom state	35 oz/sy	.056"
3500O	35 oz. plain weave, dyed orange	35 oz/sy	.056"
332B	14 oz. crowfoot weave, black acrylic	14 oz/sy	.0145
2523RA	16.5 oz. plain weave, red acrylic	16.5 oz/sy	.016"
2523SA	16.5 oz. plain weave, salmon acrylic	16.5 oz/sy	.016"
2800	28 oz. plain weave, yellow acrylic	28 oz/sy	.047"
1500SS	15 oz. satin weave, silver silicone	15 oz/sy	.014"
1700SS	17 oz. satin weave, silver silicone	17 oz/sy	.015"
1700RS	17 oz. satin weave, red silicone	17 oz/sy	.015"
1700WS	17 oz. satin weave, white silicone	17 oz/sy	.015"
2000SS	20 oz. satin weave, silver silicone	20 oz/sy	.015"
2000OS	20 oz. satin weave, orange silicone	20 oz/sy	.015"
1750LSS	17.5 oz. satin weave, liquid silver silicone	17.5 oz/sy	.0175"
1750LRS	17.5 oz. satin weave, liquid red silicone	17.5 oz/sy	.0175"
VCF1800	18 oz. plain weave, tan vermiculite	18 oz/sy	.030"
1800S	18 oz. silica, loom state	18 oz/sy	.030"
Vue-Gard 1400	14 gauge PVC	N/A	.064"

3 EXAMINATIONS AND TESTS

Integrated Marketing Group welding pad, blanket and curtain samples identified in section 2.1 were submitted for examination and testing. The Integrated Marketing Group welding pad, blanket and curtain samples were selected from stock by an FM Approvals representative on July 13, 2012. All data is on file at FM Approvals along with other documents and correspondence applicable to this program.

All testing and analysis considered appropriate was conducted and verified to be in compliance with the Standard defined in Section 1.3.

4 MARKING

- 4.1 Roll Goods - Welding pads, blankets and curtains are labeled and packaged upon completion of manufacturing. The label shall contain, at a minimum, the manufacturer's name, product trade name, the FM Approvals Approval mark, and the words, “APPROVED WELDING PAD” or “APPROVED WELDING BLANKET” or the words “APPROVED WELDING CURTAIN”.
- 4.2 Use Limitations - The manufacturer shall supply written information with each welding pad, welding blanket or welding curtain indicating the limitations of Approval for each category of heat resistant fabric and the types of hot work applications to which it has been Approved.
- 4.3 Markings denoting Approval shall be applied by the manufacturer only within and on the premises of manufacturing locations under the FM Approvals Facilities and Procedures Audit Program.

5 REMARKS

- 5.1 Based on the test procedures contained in the Approval Standard, welding pads, welding blankets and welding curtains are exposed to similar test conditions, with the welding pad having the more critical acceptance criteria. As such, welding pads shall be considered to have qualified for use as welding blankets and welding curtains provided that they maintain their flexibility and dimensional stability and do not melt or deform.
- 5.2 Welding pads, welding blankets and welding curtains that meet the criteria contained in this Standard shall not be limited in size as it pertains to the length or width of the finished product provided they are of seamless construction. Seams provided along the outer perimeter of the item shall be allowed.

6 SURVEILLANCE AUDIT

Integrated Marketing Group manufacturing location in Jiangsu Province China, is subject to periodic audit inspections to determine that the quality and uniformity of the materials have been maintained and will provide the same level of performance as originally Approved by FM Approvals. The facilities and quality control procedures in place have been found to be satisfactory to manufacture product identical to that examined as described in this report.

7 MANUFACTURERS RESPONSIBILITIES

- 7.1 The manufacturer shall supply written information with each welding pad, welding blanket or welding curtain indicating the limitations of Approval for each category of heat resistant fabric and the types of hot work applications to which it has been Approved.
- 7.2 The manufacturer shall notify FM Approvals of any planned change in the Approved product, prior to general sale or distribution, using Form 797, Approved Product Revision Report.

8 DOCUMENTATION

The following document describes the Approved welding pad, blankets and curtains and is filed under Project ID: 3043217.

Document	Issue or Revision	Description
Facilities and Procedures Audit Manual for Integrated Marketing Group	January, 2013	Product information and Quality Control

9 CONCLUSION

- 9.1** The welding pads, blankets and curtains described in section 2.1 meet FM Approvals requirements. Since a duly signed Master Agreement is on file for this manufacturer, US Approval is effective the date of this report.

PROJECT DATA RECORD: 3043217

ATTACHMENTS: N/A