

# Certificate of Fabric Flame Resistance



International E-Z UP, Inc. warrants that fabrics used on our E-Z UP Brand Shelters / Canopies and accessory items that display a sewn-on Fire Resistance label have been certified by the manufacturer or its supplier as having been made of a flame resistant material so that:

The fabric has been independently tested and shown to meet or exceed the minimum requirements of the following fire resistance standards:

- **CPAI-84** Specification for wall and top material
- **California State Fire Marshal, Title 19, Subchapter 1, Article 4 section 332 (a) (2)** which states that the fabrics complying with CPAI-84 specification are approved by the State Fire Marshal.
- **NFPA-701** Standard Methods of Fire Tests for Flame Propagation of Textiles and Films
- **CAN/ULC-S109** National Standard of Canada, Flame Tests of Flame-Resistant Fabrics and Films

Copies of an independent test laboratory's certification to the above standards are on file at:

International E-Z UP, Inc. 1900 Second Street, Norco, California 92860. Copies are available by calling 1-951-279-0999 and speaking with a customer service representative.

**MAGILL LABORATORIES, INC.**

458 Wild Ammonoosuc Road  
Bath, New Hampshire 03740

Tel (603) 747-4111 Fax (603) 747-4112  
www.magilllaboratories.com

---

**LABORATORY REPORT**

**OLL 18030**

Date: May 21, 2009

Test Report # 090478

**INTERNATIONAL E-Z UP, INC.**

1601 Iowa Avenue  
Riverside, CA 92507

Attention: **Ben Liang**

**Shippers # 22658**

Subject: One (1) sample of material tested for **water resistance, colorfastness to light, thread count, denier, tensile tear, total weight, total thickness, CPAI 84 Section 6 flame test (initial, after leaching and after weathering).**

Identification: **050509 White fabric**

Testing Completed: May 21, 2009

---

**MAGILL LABORATORIES, INC.**

Test Report # 090478

May 21, 2009

**TESTS, UNIT OF MEASURE**

**RESULTS**

**Thickness, inches**  
(Microscope)

**Total Thickness**

0.0102  
0.0103  
0.0103  
0.0105  
0.0105

Average:

0.0104

**Flame Resistance**  
(CPAI-84 Section 6)

**Warp**

**Fill**

**REQUIREMENTS**

**After Flame, seconds**

**Initial**

0.0      0.0  
0.0      0.0  
0.0      0.0  
0.0      0.0

Average:

0.0      0.0

4.0 Max. Ind.  
2.0 Max. Avg.

**After 72 hours leaching**  
(Para 4.1.3)

0.0      0.0  
0.0      0.0  
0.0      0.0  
0.0      0.0

Average:

0.0      0.0

4.0 Max. Ind.  
2.0 Max. Avg.

**After Weathering**  
(Para. 4.2.2.1 – Carbonarc)

0.0      0.0  
0.0      0.0  
0.0      0.0  
0.0      0.0

Average:

0.0      0.0

4.0 Max. Ind.  
2.0 Max. Avg.

**Damaged Length, mm**

**Initial**

111      101  
104      104  
110      87  
89      105

Average:

104      99

255 Max. Ind.  
165 Max. Avg.

**MAGILL LABORATORIES, INC.**

Test Report # 090478

May 21, 2009

TESTS, UNIT OF MEASURE

RESULTS

REQUIREMENTS

**Flame Resistance**  
(CPAI-84 Section 6)

Warp

Fill

**Damaged Length, mm**

**After 72 hours leaching**  
(Para 4.1.3)

92  
89  
90  
89

75  
88  
78  
81

Average: 90

255 Max. Ind.  
165 Max. Avg.

**After Weathering**  
(Para 4.2.2.1 – Carbonarc)

108  
114  
90  
99

115  
88  
116  
93

Average: 103

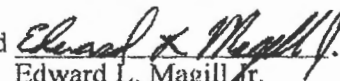
255 Max. Ind.  
165 Max. Avg.

The sample tested above **meets** the requirements outlined in **Section 3.2 of CPAI-84**.

---

I certify that the above tests were performed under my supervision in accordance with the specification test requirements and that the reported test results are true, valid and applicable to the samples tested. I further certify that these samples are the only samples tested from the lot of components identified above.

Signed

  
Edward L. Magill, Jr.  
President