TOP LIFT TO DESTRUCTION

Sling Style Flexible Intermediate Bulk Container

Net Capacity:	1,524.1 Kg (3,360.0 Lbs)
Dimensions:	44” x 44” x 32”
Mfg. ID / Spec. #:	**SlingBag**
Country of Mfg.:	USA & Mexico
Handling Method:	4 Lifting Loops
Top Design:	Open Top
Bottom Design:	Flat Bottom
Liner:	No Liner

TEST REPORT #: 10-4690

TESTING PERFORMED FOR:

Quikrete
821 Country Club Blvd
Thibodaux, LA 70301

Attn.: Dickie Daigle

TESTING PERFORMED BY:

TEN-E Packaging Services, Inc.
1666 County Road 74
Newport, MN 55055
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September 21, 2010

TABLE OF CONTENTS

REPORT & SAMPLE INFORMATION

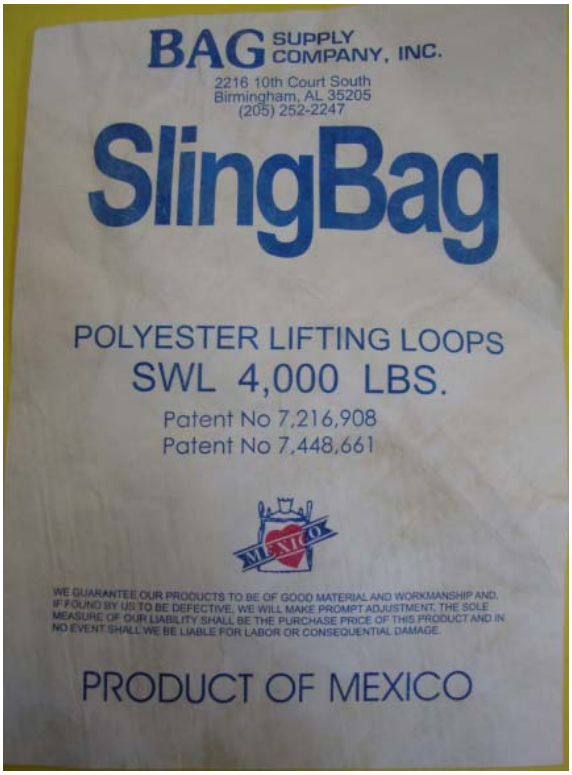
SAMPLE RECEIVED ON: September 15, 2010

TESTING COMPLETED ON: September 21, 2010

SAMPLE:

- The sample arrived in good condition at TEN-E Packaging Services, Inc.
- The following results are based solely on the product sample provided by the manufacturer.

LABEL ATTACHED TO THE TESTED FIBC



TOP LIFT TO DESTRUCTION TEST RESULTS

SAMPLE PREPARATION:

- A flexible intermediate bulk container filled to 95% capacity with polyethylene pellets was placed in the SlingBag to simulate a typical load. A top load was applied to the top of the filled FIBC. Testing was conducted at ambient conditions.

TEST DURATION:

- Sample Taken To Failure

TOP LIFT TEST REQUIREMENT:

- The FIBC must withstand an internal load of five times the maximum permissible net mass (safe working load).

MINIMUM LOAD CALCULATION (5 X SWL):

- 1,524.1 Kg (3,360.0 Lbs) x 5 = 7,620.5 Kg (16,800.0 Lbs)

TOP LIFT SET-UP

SAMPLE #1

RESULTS / OBSERVATIONS

PASS: The flexible intermediate bulk container continued to take on load at a constant rate until the side panel strings tore apart and the lifting loop began tearing away from the side seam at 10,634.2 Kg (23,444.0 Lbs). **The load at failure exceeded the required 5:1 load by 3,013.7 Kg (6,644.0 Lbs).**

LOAD AT FAILURE

• Gross Weight:	587.0 Kg	(1,294.0 Lbs)
• Top Load*:	10,047.2 Kg	(22,150.0 Lbs)
Load @ Failure =	10,634.2 Kg	(23,444.0 Lbs)

*Additional Top Load applied using the #405 50 K Top Lift System

FAILURE LOCATION PHOTOS

DISCLAIMER OF WARRANTIES

TEN-E PACKAGING SERVICES, INC. certifies that the previously described testing services have been performed in accordance with standard good laboratory practices and guidelines. **ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY THAT THE PACKAGING TESTED IS MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR IN COMPLIANCE WITH ANY FEDERAL OR STATE REGULATIONS, ARE DISCLAIMED.** In no event shall TEN-E Packaging Services, Inc. liability exceed the total amount paid by **Quikrete** for services rendered.

Paul Mathson
Packaging Engineer
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