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**1.0 SCOPE**

This specification document sets forth the minimum requirements for statewide contract of self-opening, Kraft paper grocery bags

**2.0 APPLICABLE LAWS and INDUSTRY STANDARDS**

Specifications, standards and regulations referenced in this document in effect on the opening of the invitation for bid, form a part of this specification where referenced.

**2.1 LAWS AND REGULATIONS**

2.1.1 Regulations in Federal Food, Drug, and Cosmetic Act of U.S. Food and Drug Administration (FDA)

**2.2 INDUSTRY STANDARDS**

2.2.1 ANSI/ASQC Z1.4, Sampling Procedures & Tables for Inspection by Attributes

2.2.2 Technical Association of the Pulp and Paper Industry (TAPPI) Standards

**3.0 TECHNICAL REQUIREMENTS**

**3.1 CONFIGURATION**

**3.1.1 Shape**

The bags shall be grocer’s self-opening style (automatic) with a folded square bottom without handles.

**3.1.2 Size**

Measurements of the bags and computing capacity shall be in accordance with standard industry practices. The dimensions of the standard bags as produced by different manufacturers may vary somewhat and shall be considered acceptable provided such bags meet the requirement of the applicable cubic inch capacity as specified in Table 1.

Table 1: Bag Size and Capacity Requirements

Bag Size Number	Capacity in cubic inches, Tolerance =±5%	Basis Weight in pounds, (24 by 36 inches), 500±5% TAPPI T410	Bursting Strength, points, TAPPI T403 om-10	Tear Resistance in grams, TAPPI T414 om-12
6	240	35	15	44
8	303	35	15	44
10	350	35	15	44
12	435	40	18	54
25 or 425	780	40	18	54
735	980	52	24	73

### 3.2 MATERIALS

#### 3.2.1 Type

The paper stock shall consist of unbleached natural Kraft fibers.

#### 3.2.2 Weight and Strength

The minimum bursting strength, minimum tearing resistance and basis weight of the bag material based on 500 sheets, 24 inches by 36 inches per TAPPI Standards and suggested methods shall be in accordance with Table I.

#### 3.2.3 Chemical Formulation

Materials used in the production of grocer's bags shall conform to the provisions of the Federal Food, Drug, and Cosmetic Act and regulations. No coating shall be applied. Only water-based or water-soluble markings are acceptable. Materials shall contain no additives containing arsenic, cadmium, chromium, lead, or mercury. Materials shall contain no added fungicides, including ortho-phenylphenol.

### 3.3 WORKMANSHIP

#### 3.3.1 First Class Workmanship

The bags shall be uniformly constructed and shall be free from holes, tears, cuts, splits or any other defects or imperfections which impair their usefulness and shall conform to the levels of quality established in the industry for first class workmanship.

#### 3.3.2 Seams

All glued and/or bounded seams shall adhere throughout their entire area.

### 3.4 CUSTOM PRINT REQUIREMENTS OF #6 AND #8 PRINTED BAGS

3.4.1 As described in Figure 1 below, marking "Must Be Consumed Within 4 Hours" shall be printed in two lines in a printable area confined within 5 and ½ by 1 inch ± ¼ inch starting at 5 and ¾ inch ± 1/8 inch from the bottom of the bag.

3.4.2 Markings shall be printed with water-based black ink, font bold Ariel, height of capital letters 3/8 of an inch or larger, centered justified in front only.

3.4.3 Optional manufacturer's ID may be printed at the bottom only with recycle stamp.

#### **4.0 ENVIRONMENTALLY PREFERABLE PURCHASING REQUIREMENTS**

##### **4.1 POSTCONSUMER RECYCLED CONTENT (PCRC)**

The product shall contain a minimum of 40% PCRC.

##### **4.2 FOREST SUSTAINABILITY CERTIFICATION**

The product shall comply with one of the following

4.2.1 [Forest Stewardship Council \(FSC\) Chain of Custody certification](#)

4.2.2 [Sustainable Forest Initiative \(SFI\) Chain of Custody certification](#)

4.2.3 Equivalent third-party forest sustainability certification as determined by Department of General Services (DGS).

#### **5.0 QUALITY ASSURANCE PROVISIONS**

##### **5.1 SAMPLING AND INSPECTIONS**

This commodity will be sampled and inspected for compliance to this specification as deemed necessary. Sampling and inspection by attributes will be in accordance with ANSI/ASQ Z 1.4 2003, Sampling Procedures and Tables for Inspection by Attributes. An inspection lot is defined as one delivery to one agency at one time.

**6.0 ILLUSTRATIONS**

6.1 Figure 1: Illustration of Custom Print on #8 Bag (figure not drawn to scale)

