

**CATEGORY THREE: PAPER PRODUCTS AND RELATED DISPENSERS  
ITEM PURCHASE DESCRIPTIONS**

**NSN: 8540-00-149-1601**

ITEM NAME:	NAPKIN, COCKTAIL, PAPER
OVERALL LENGTH	10.0 INCHES (+/-0.5 INCHES)
OVERALL WIDTH	10.0 INCHES (+/-0.5 INCHES)
COLOR	WHITE OVERALL WITH FED-STD-595 GOLD No. 27043
EMBOSSED	ON EDGES ONLY TO A DEPTH OF 1 INCH PLUS OR MINUS 1/8 INCH; EMBOSSING SHALL BE SIMPLE RIPPLE OR BARK TYPE PATTERN WITH MITERED CORNERS, FINISHED ON THE INSIDE WITH SIMPLE ROPE BEADING OR RIBBON TYPE EDGE FROM 1/8 TO 1/4 INCH WIDE; THE TRADEMARK OR IDENTIFICATION OF THE MANUFACTURER SHALL NOT APPEAR ON THE NAPKIN.
ORNAMENTATION	THE GREAT SEAL SHALL BE PRINTED AND PLACED ON THE NAPKIN
PLY QUANTITY	3 PLY CONSTRUCTION
SPECIAL FEATURE	PRINTED WITH THE GREAT SEAL AND "UNITED STATES OF AMERICA" IN ONE COLOR METALLIC GOLD INK
UNIT QUANTITY FORM	PACKAGE

NOTE TO CONTRACTING OFFICER: CONTACT THE ENGINEERING SECTION FOR A DIAGRAM OF THE FINISHED NAPKIN.

PACKAGING/PACKING: One thousand (1,000) cocktail napkins shall be packaged in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

**UI: PG** (One thousand (1,000) cocktail napkins per package)

**NSN: 8540-00-262-7178**

ITEM NAME	TOWEL, PAPER
DESIGN FORM	SINGLE FOLD INTERLOCKED TO FACILITATE DISPENSING ONE AT A TIME
MINIMUM SURFACE AREA	99.00 SQUARE INCHES (UNFOLDED)
OVERALL FOLDED DEPTH	5.50 INCHES (+/- 0.5 INCH)

OVERALL FOLDED WIDTH 9.25 INCHES (+/- 0.5 INCH)  
BASIS WEIGHT 22 TO 30 LBS (24 IN X 36 IN - 500 SHEETS) IAW  
TAPPI T 410  
MINIMUM TENSILE STRENGTH 34 OZ/IN - IAW TAPPI T 404  
MINIMUM WATER ABSORPTION 70 SEC PER 0.1 ML - IAW TAPPI T 432  
FINISH STYLE UNIFORM FORMATION  
FINISH PROCESS CREPING OR EMBOSSING  
UNIT PACKAGE QUANTITY 4,000 PAPER TOWELS  
UNIT PACKAGE TYPE BOX

PACKAGING: Towels may be bundled in quantities of two hundred (200) or two hundred and fifty (250) in accordance with normal commercial practice.

PACKING: Four thousand (4,000) paper towels shall be packaged in a box in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 40 - 100% recovered fiber, including a range of 40 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/consERVE/tools/cpg/index.htm](http://www.epa.gov/epawaste/consERVE/tools/cpg/index.htm)

**UI: BX** (Four thousand (4,000) paper towels shall be packaged in a box)  
(Towels may be bundled in quantities of two hundred (200) or two hundred and fifty (250))

**NSN: 8540-00-276-7569**

ITEM NAME NAPKIN, TABLE, PAPER  
OVERALL UNFOLDED WIDTH 11.25 INCHES  
OVERALL UNFOLDED LENGTH 11.25 INCHES  
OVERALL SURFACE AREA 149.0 SQUARE INCHES  
MATERIAL PAPER  
NOMINAL BASIS WEIGHT 13 POUNDS (24 INCHES X 36 INCHES PER 500 SHEETS)  
FOLD TYPE QUARTER FOLDED  
PLY TYPE SINGLE  
OVERALL FINISH PAPER SHALL BE CREPED OR EMBOSSED  
UNIT PACKAGING FORM BOX  
UNIT PACKAGING QUANTITY 6,000  
QUANTITY PER UNIT 6,000 NAPKINS PER BOX

CHARACTERISTIC	REQUIREMENT	TEST METHOD
Basis Weigh, min. g/m2 (Lbs. 24 x 36-500)	20.3 g/m2 (12.5)	T410
Dry Tensile strength MD, Kg/15 mm (oz/inch) min. CD, Kg/15 mm (oz/inch) min.	0.268 (16) 0.10 (5.9)	T 404 or T494

Absorption Time, sec., max.	100	T432
Brightness, percent, min.	76	T 452

PACKAGING/PACKING: Six thousand (6,000) table paper napkins shall be packaged in accordance with normal commercial practice to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a minimum range of 30 - 100% recovered fiber, including 30 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/conserves/tools/cpg/index.htm](http://www.epa.gov/epawaste/conserves/tools/cpg/index.htm)

**UI: BX** (Six thousand (6,000) table paper napkins shall be packaged per box)

**NSN: 8540-00-276-7570**

ITEM NAME	NAPKINS, TABLE, PAPER
OVERALL WIDTH	16.00 INCHES
OVERALL LENGTH	16.00 INCHES
NOMINAL BASIS WEIGHT	10.50 POUNDS (24 IN. x 36 IN. PER 500 SHEETS)
OVERALL SURFACE AREA	272.00 SQUARE INCHES
NAPKIN TYPE	DINNER
PLY TYPE	3 PLY
FOLD QUANTITY	8 FOLD
SPECIAL FEATURE	EMBOSSSED

CHARACTERISTIC	REQUIREMENT	TEST METHOD
Basis Weigh, min. g/m2 (Lbs, 24 x 36-500) min	(10.5)	T 410
Absorption Time, sec., max	100	T 432
Brightness, percent, min	76	T 452

PACKAGING/PACKING: Two thousand (2,000) napkins shall be packaged in a box in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a minimum range of 30 - 100% recovered fiber, including 30 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/conserves/tools/cpg/index.htm](http://www.epa.gov/epawaste/conserves/tools/cpg/index.htm)

**UI: BX** (Two thousand (2,000) napkins shall be packaged in a box

**NSN: 8540-00-279-7777**

ITEM NAME	NAPKINS, TABLE, PAPER
OVERALL WIDTH	14.50 INCHES
OVERALL LENGTH	14.50 INCHES
OVERALL SURFACE AREA	217.0 SQUARE INCHES
NOMINAL BASIS WEIGHT	20 POUNDS (24 INCHES X 36 INCHES PER 500 SHEETS)
NAPKIN TYPE	DINNER SIZE
PLY TYPE	2
NUMBER OF FOLDS	EIGHT
UNIT PACKAGING FORM	BOX
UNIT PACKAGING QUANTITY	3,000 NAPKINS PER BOX

PHYSICAL REQUIREMENT:

CHARACTERISTIC	REQUIREMENT	TEST METHOD
Basis Weigh, min. g/m <sup>2</sup> (Lbs, 24 x 36-500) min.	32.6 g/m <sup>2</sup> (20)	T410
Absorption Time, sec., max.	100	T 432
Brightness, percent, min.	76	T 452

PACKAGING/PACKING: Three thousand (3,000) table paper napkins shall be packaged in a box in accordance with normal commercial practice to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a minimum range of 30 - 100% recovered fiber, including 30 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/conservation/tools/cpg/index.htm](http://www.epa.gov/epawaste/conservation/tools/cpg/index.htm)

**UI: BX** (Three thousand (3,000) table paper napkins shall be packaged in a box)

**NSN: 8540-00-281-8360**

ITEM NAME	TISSUE, FACIAL
OVERALL WIDTH	7.000 INCHES
MINIMUM SURFACE AREA	66.00 SQUARE INCHES
NOMINAL BASIS WEIGHT	19 POUNDS (24 INCHES X 36 INCHES PER 500 SHEETS)
COLOR	WHITE
MATERIAL	BLEACHED CHEMICAL FIBER
PLY QUANTITY	2
FOLD	C-FOLDED OR MULTIFOLD
UNIT PACKAGING FORM	PACKAGE
UNIT PACKAGE QUANTITY	200
QUANTITY PER UNIT	200 TISSUES PER PACKAGE
UNIT OF ISSUE	6 PACKAGES PER BOX
TENSILE STRENGTH	DRY, CROSS DIRECTION (2 IN. GAGE LENGTH) - 4 OZF/IN., MIN.
ABSORPTION TIME	(0.01 ml. H2O/sec.) - 5 sec., max.

**PHYSICAL REQUIREMENT:**

The facial tissue shall comply with Table I of ASTM D4369; Table A and the following characteristics.

The sizes for type II shall be as listed in Table A.

Table A			
Type	Area	Smaller dimension inches (min.)	fold
II	66.0	7.0	Supplier's option

NOTE. If creases or the finished size of the tissues make it impossible to prepare specimens of the required size from the tissues, tests shall be performed on the large roll of paper, before cutting and packaging.

PACKAGING/PACKING: One thousand two hundred (1,200) facial tissues shall be packaged in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 10 - 100 % recovered fiber, including a range of 10 - 15 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/conserva/tools/cpg/index.htm](http://www.epa.gov/epawaste/conserva/tools/cpg/index.htm)

**UI: PG** (thousand two hundred (1,200) facial tissues per package)

**NSN: 8540-00-285-7001**

ITEM NAME NAPKIN, TABLE, PAPER

OVERALL UNFOLDED WIDTH 9.875 INCHES  
OVERALL UNFOLDED LENGTH 9.875 INCHES  
OVERALL FOLDED WIDTH 3.375 INCHES MINIMUM TO 3.625 INCHES MAXIMUM  
OVERALL FOLDED LENGTH 6.625 INCHES MINIMUM TO 6.875 INCHES MAXIMUM  
OVERALL SURFACE AREA 130.0 SQUARE INCHES  
MATERIAL PAPER  
COLOR WHITE  
OVERALL FINISH PAPER SHALL BE CREPED OR EMBOSSSED  
PLY SINGLE  
DISPENSER TYPE SENIOR  
UNIT PACKAGING FORM BOX  
UNIT PACKAGE QUANTITY 10,000 TISSUES PER PACKAGE

CHARACTERISTIC	REQUIREMENT	TEST METHOD
Basis Weigh, min. g/m2 (Lbs. 24 x 36-500)	20.3 g/m2 (12.5)	T410
Dry Tensile strength MD, Kg/15 mm (oz/inch) min. CD, Kg/15 mm (oz/inch) min.	0.268 (16) 0.10 (5.9)	T 404 or T494
Absorption Time, sec., max.	100	T432
Brightness, percent, min.	76	T 452

PACKAGING/PACKING: Ten thousand (10,000) table paper napkins shall be packaged in accordance with normal commercial practice to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a minimum range of 30 - 100% recovered fiber, including 30 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/conserve/tools/cpg/index.htm](http://www.epa.gov/epawaste/conserve/tools/cpg/index.htm)

**UI: BX** (Ten thousand (10,000) table paper napkins per box)

**NSN: 8540-00-291-0389**

ITEM NAME TOWEL, PAPER

OVERALL WIDTH 9.200 INCHES (+/- 0.500 INCHES)

OVERALL FOLD DEPTH	3.125 INCHES (+/- 0.125 INCHES)
OVERALL SURFACE AREA	85.00 SQUARE INCHES
DESIGN FORM	MULTI-FOLD
COLOR	NATURAL
NOMINAL BASIS WEIGHT	22 TO 30 LBS (24 INCHES X 34 INCHES PER 500 SHEETS)
OVERALL FINISH	FINISH TOWEL SHALL HAVE A UNIFORM FORMATION AND SHALL BE CREPED OR EMBOSSED
USAGE FORM	SHEET
UNIT PACKAGING FORM	BOX
UNIT PACKAGING QUANTITY	4,000
QUANTITY PER UNIT	4,000 SHEETS PER BOX

PHYSICAL REQUIREMENT

TAPPI TEST METHOD (T410) TYPE II 40-49 (25-30)

TAPPI TEST METHOD (T404) TENSILE STRENGTH, AVERAGE OF BOTH DIRECTIONS, MIN. DRY, N/M (OZ/INCH) 458 (42)

TAPPI TEST METHOD (T432) WATER ABSORPTION 0.1 ML, SEC., MAX 100

PACKAGING/PACKING: Four thousand (4,000) paper towels shall be packaged in a snug fitting fiberboard box in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 40 - 100% recovered fiber, including a range of 40 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/consERVE/tools/cpg/index.htm](http://www.epa.gov/epawaste/consERVE/tools/cpg/index.htm)

**UI: BX** (Four thousand (4,000) paper towels shall be packaged per box)

**NSN: 8540-00-291-0392**

ITEM NAME	TOWEL, PAPER
OVERALL WIDTH	10.25 INCHES
OVERALL FOLD DEPTH	4.000 INCHES
OVERALL SURFACE AREA	130.0 SQUARE INCHES
MATERIAL	PAPER
COLOR	NATURAL
DESIGN FORM	C-FOLD
NOMINAL BASIS WEIGHT	22 TO 30 LBS (24 INCHES X 36 INCHES PER 500 SHEETS)
SPECIAL FEATURE	COMPATIBLE FOR USE WITH GSA DISPENSER NSN 4510-00-585-6305

UNIT PACKAGING FORM	BOX
UNIT PACKAGING QUANTITY	200 TOWELS PER BUNDLE
QUANTITY PER UNIT	12 BUNDLES PER BOX

PHYSICAL REQUIREMENTS.

Characteristic	Requirement	Tappi Test Method
Water absorption 0.1 ml, seconds (max)	100 sec	T432
Tensile strength l/N/100 mm (oz/in), avg. of both directions (min)		
Dry	29.4 (27)	T494
Wet	8.7 (8)	T456

PACKAGING/PACKING: Two thousand four hundred (2,400) paper towels shall be packaged in accordance with normal commercial practice to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 40 - 100% recovered fiber, including a range of 40 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/consERVE/tools/cpg/index.htm](http://www.epa.gov/epawaste/consERVE/tools/cpg/index.htm)

**UI: BX** (Two thousand four hundred (2,400) paper towels shall be packaged in a box)

**NSN: 8540-00-793-5425**

ITEM NAME	TISSUE, FACIAL
OVERALL WIDTH	7.000 INCHES
OVERALL SURFACE AREA	66.00 SQUARE INCHES
NOMINAL BASIS WEIGHT	19 POUNDS (24 INCHES X 36 INCHES PER 500 SHEETS)
PLY QUANTITY	2
COLOR	WHITE
MATERIAL	BLEACHED CHEMICAL FIBER
DESIGN FORM	C-FOLDED OR MULTIFOLDED
TENSILE STRENGTH	DRY, CROSS DIRECTION (2 IN. GAGE LENGTH) 4 OZF/IN., MIN.
ABSORPTION TIME	(0.01 ml. H2O/sec.) - 5 sec., max.
UNIT PACKAGING QUANTITY	1,200 TISSUES PER PACKAGE

PHYSICAL REQUIREMENT:

The facial tissue shall comply with Table I of ASTM D4369; Table A and the following characteristics.

Table A			
Type	Area	Smaller dimension inches (min.)	Fold
II	66.0	7.0	Supplier's option

The tissues shall be individually cut and, as specified above. If other than the interfold is selected, then the open side of the tissue shall be facing towards the dispenser's opening such that the end of the tissue can be used to pull it out of the dispenser. If interfold is required, the tissue dispenses a portion of the following tissue.

NOTE. If creases or the finished size of the tissues, make it impossible to prepare specimens of the required size from the tissues, tests shall be performed on the large roll of paper, before cutting and packaging.

PACKAGING/PACKING: One thousand two hundred (1,200) facial tissues shall be packaged in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 10 - 100 % recovered fiber, including a range of 10 - 15 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/conserva/tools/cpg/index.htm](http://www.epa.gov/epawaste/conserva/tools/cpg/index.htm)

**UI: PG** (One thousand two hundred (1,200) facial tissues per package)

**NSN: 8540-00-965-4691**

ITEM NAME	NAPKIN, TABLE, PAPER
OVERALL UNFOLDED WIDTH	7.0000 INCHES
OVERALL UNFOLDED LENGTH	13.875 INCHES
FOLDED WIDTH	3.3750 INCHES MINIMUM TO 3.6250 INCHES MAXIMUM
FOLDED LENGTH	6.6250 INCHES MINIMUM TO 6.8750 INCHES MAXIMUM
OVERALL SURFACE AREA	94.500 SQUARE INCHES
OVERALL FINISH	FINISHED PAPER SHALL BE CREPED OR EMBOSSED
MATERIAL	PAPER
DISPENSER TYPE	JUNIOR
PLY QUANTITY	SINGLE
FOLD TYPE	DISPENSER
UNIT PACKAGING FORM	BOX
UNIT PACKAGING QUANTITY	10,000
QUANTITY PER UNIT	10,000 NAPKINS PER BOX

CHARACTERISTIC	REQUIREMENT	TEST METHOD
Basis Weigh, min. g/m2 (Lbs. 24 x 36-500)	20.3 g/m2 (12.5)	T410
Dry Tensile strength MD, Kg/15 mm (oz/inch) min. CD, Kg/15 mm (oz/inch) min.	0.268 (16) 0.10 (5.9)	T 404 or T494
Absorption Time, sec., max.	100	T432
Brightness, percent, min.	76	T 452

PACKAGING/PACKING: Ten thousand (10,000) napkins shall be packaged in accordance with normal commercial practice to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 40 - 100% recovered fiber, including a range of 40 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/conserves/tools/cpg/index.htm](http://www.epa.gov/epawaste/conserves/tools/cpg/index.htm)

**UI: BX** (Ten thousand (10,000) napkins shall be packaged per box)

**NSN: 8540-00-965-5790**

ITEM NAME	COVER, TOILET SEAT, DISPOSABLE
OVERALL OPENED WIDTH	14.75 INCHES (+/- 0.50 INCH)
OVERALL OPENED LENGTH	17.25 INCHES (+/- 0.50 INCH)
OVERALL CENTER TEAR OUT WIDTH	6.000 INCHES (+/- 0.50 INCH)
OVERALL CENTER TEAR OUT LENGTH	10.75 INCHES (+/- 0.50 INCH)
OVERALL FOLDED COVER WIDTH	7.000 INCHES (+/- 0.50 INCH)
OVERALL FOLDED COVER LENGTH	10.00 INCHES (+/- 0.50 INCH)
FOLD TYPE	QUARTER FOLDED
COLOR	WHITE

SPECIAL FEATURES - the seat covers shall fit and feed satisfactorily from a Rochester Midland dispenser model no. 25131500 or a James River dispenser model no. 726 or a Protecto Model no. Vanguard 9270.

The contractor shall certify that product meets the salient characteristics of this descriptions. The toilet seat covers shall not clog or interfere with the water flow of waste lines or septic tank systems, and that it shall be nontoxic and harmless to humans.

The disposable paper seat covers shall be an unsized tissue and shall contain no wet-strength additives.

BLEACHING -To obtain an acceptable brightness, in accordance with the performance standards of this document, a chemical bleaching process may be used. When specified in the ordering data, the bleaching process shall not include the use of chlorine, chlorine dioxide, or other chlorine compounds. The government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

PHYSICAL REQUIREMENT.

CHARACTERISTIC	REQUIREMENT	TEST METHOD
BASIS WEIGHT	15 G/M2, MIN.(9.1 LB. (24X36-500)), MIN)	T410
INTERNAL TEARING RESISTANCE	MD 8 G, MIN CD 10 G, MIN	T414
BURSTING STRENGTH	4.0 PSI, MIN.	T403
BRIGHTNESS	70 PERCENT, MIN.	T452

PACKAGING/PACKING: Two hundred fifty (250) covers shall be packaged in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

UI: PG (Two hundred fifty (250) covers per package)

**NSN: 8540-01-055-6094**

ITEM NAME	PAPER, TOILET
IAW	A-A-697 TYPE 1
OVERALL WIDTH	4.5000 INCHES
OVERALL ROLL LENGTH	4375.0 INCHES
OVERALL OUTSIDE DIAMETER	4.5000 INCHES (+/- 0.1250 INCHES)
OVERALL CORE DIAMETER	1.3750 INCHES MINIMUM TO 1.7500 INCHES MAXIMUM
PERFORATION INTERVAL	4.2500 INCHES MINIMUM TO 4.6250 INCHES MAXIMUM
MATERIAL	FIBROUS, CELLULOSIC MATERIAL
PLY QUANTITY	1
NOMINAL BASIS WEIGHT	11 POUNDS (24 INCHES X 36 INCHES PER 500 SHEETS)
USAGE FORM	ROLL
UNIT PACKAGING QUANTITY	48 ROLLS PER BOX

PHYSICAL REQUIREMENTS:

2 Salient Characteristic. Toilet tissues shall be wound evenly on a round paperboard core, made from fibrous, cellulosic material and meet the requirements of Table 1, below.

Table 1

Characteristic	Type 1	TAPPI
Basis Weight, g/m2, min	17.9	

(24 x 36-500), min.	(11 lb)	T410
Tensile Strength, Dry CD 50mm (2 in.), min.	44 N/m 4.0 ozf/in	T494
Absorption Time, 0.01 ml H <sub>2</sub> O, max	35 sec	T432
Brightness, avg. both sides, min.	65 percent	T452
Inside dia. of core	34.925 - 44.45 mm (1 3/8 - 1 3/4")	
Roll width	114.3 +/- 3.175 mm (4 1/2 +/- 1/8")	
Roll outside diameter	114.3 +/- 3.175 mm (4 1/2 +/- 1/8")	
Perforation interval	107.95 - 117.475 mm (4 1/4 - 4 5/8")	
Average roll length, min.	114,300 mm (4,500")	
Length per roll, min.	11,125 mm (4,375")	

2.1 Bleaching: To obtain an acceptable brightness, a chemical bleaching process may be used. When specified, the bleaching process shall not include the use of chlorine, chlorine dioxide, or hypochlorite. Certification of compliance shall be made available upon request by the Government.

2.2 Workmanship. For Types 1 toilet tissues shall be clean and free from dirt spots, holes, or tears 1/16 inch or larger, or more than 5 dirt spots, holes, or tears less than 1/16 inch in one sheet; shives or slivers 1/8 inch or more in length, or more than five shives or slivers less than 1/8 inch in length in one sheet; any foreign matter, undigested paper, or unbleached waste. Toilet tissue shall be uniform in color and shall be trimmed with clean, smooth edges. Sheet formation shall be uniform. Clumps of undispersed fibers or thin looking areas is evidence of poor formation. The tissues shall be perforated so that the sheets can be evenly and completely separated.

2.3 Certification Clause. The supplier shall certify that the toilet tissue shall not clog or interfere with the water flow of waste lines or septic tank systems, and that it shall be nontoxic and harmless to humans.

PACKAGING/PACKING: Forty eight (48) toilet paper rolls shall be packaged in accordance with normal commercial practice to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

**NOTICE:** Packaging and packing requirements in this item purchase description are unique at the request of the U.S. Navy Supply Systems Command. This item is included in the Navy's **PLASTICS REMOVAL IN MARINE ENVIRONMENT (PRIME) PROGRAM** under the U.S. Marine Plastic Pollution Research and Control Act of 1987 (MPPRCA) and the International Convention for the Prevention of Pollution from Ships Treaty (MARPOL) Annex V. Items in the **PRIME** program require biodegradable packing materials. The statement "**PLASTIC PACKING MATERIALS AND PRESSURE SENSITIVE TAPES ARE PROHIBITED**" is included in the packaging and packing requirements for all PRIME program items.

**PREPARATION FOR DELIVERY:** The item(s) shall be packaged and packed in accordance with the latest revision of ASTM D 3951, Standard Practice for Commercial Packaging. **PLASTIC PACKING MATERIALS AND PRESSURE SENSITIVE TAPES ARE PROHIBITED.** Copies of ASTM standards are available from the American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959. Phone: 610-832-9585, Fax: 610-832-9555, Web site: [www.astm.org](http://www.astm.org), e-mail: [service@astm.org](mailto:service@astm.org).

The contractor shall certify that the product offered shall include a range of 20 - 100 % recovered fiber, including a range of 20 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/consERVE/tools/cpg/index.htm](http://www.epa.gov/epawaste/consERVE/tools/cpg/index.htm)

**UI: BX:** ( Forty eight (48) toilet paper rolls shall be packaged per box)

**NSN: 8540-01-055-6134**

ITEM NAME	TOWEL, PAPER
OVERALL WIDTH	9.250 INCHES (+/- 0.500 INCHES)
OVERALL FOLD DEPTH	5.500 INCHES (+/- 0.500 INCHES)
OVERALL SURFACE AREA	99.00 SQUARE INCHES (+/- 3 PERCENT)
MATERIAL	PAPER, UNBLEACHED
COLOR	KRAFT
DESIGN FORM	SINGLEFOLD
NOMINAL BASIS WEIGHT	25 TO 30 POUNDS (24 INCHES X 36 INCHES PER 500 SHEETS)
UNIT PACKAGING FORM	BOX
UNIT PACKAGING QUANTITY	250 TOWELS PER PACKAGE
QUANTITY PER UNIT	16 PACKAGES PER BOX

PACKAGING/PACKING: Sixteen (16) packages of paper towels (totaling 4,000 towels) shall be packed in a close-fitting box conforming to ASTM D5118/D5118M, Type CF, single wall, Style RSC, Class Weather Resistant, Grade V3c or W5c. The box shall be closed in accordance with method B of ASTM D1974. Closing and sealing tape shall be 2 inches wide conforming to ASTM D5486/D5486M, Type V. Plastic packaging, bundling, palletizing, and associated marking materials are prohibited. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

**NOTICE:** Packaging and packing requirements in this item purchase description are unique at the request of the U.S. Navy Supply Systems Command. This item is included in the Navy's **PLASTICS REMOVAL IN MARINE ENVIRONMENT (PRIME) PROGRAM** under the U.S. Marine Plastic Pollution Research and Control Act of 1987 (MPPRCA) and the International Convention for the Prevention of Pollution from Ships Treaty (MARPOL) Annex V. Items in the **PRIME** program require biodegradable packing materials. The statement "**PLASTIC PACKING MATERIALS AND PRESSURE SENSITIVE**

**TAPES ARE PROHIBITED**" is included in the packaging and packing requirements for all PRIME program items.

**PREPARATION FOR DELIVERY:** The item(s) shall be packaged and packed in accordance with the latest revision of ASTM D 3951, Standard Practice for Commercial Packaging. **PLASTIC PACKING MATERIALS AND PRESSURE SENSITIVE TAPES ARE PROHIBITED.** Copies of ASTM standards are available from the American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959. Phone: 610-832-9585, Fax: 610-832-9555, Web site: [www.astm.org](http://www.astm.org), e-mail: [service@astm.org](mailto:service@astm.org).

The contractor shall certify that the product offered shall include a range of 40 - 100% recovered fiber, including a range of 40 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/conserva/tools/cpg/index.htm](http://www.epa.gov/epawaste/conserva/tools/cpg/index.htm)

**UI: BX (PACKAGING/PACKING:** (Sixteen (16) packages of paper towels (totaling 4,000 towels) shall be packed in a close-fitting box)

**NSN: 8540-01-056-2897**

ITEM NAME	NAPKIN, TABLE, PAPER
OVERALL UNFOLDED WIDTH	9.875 INCHES
OVERALL UNFOLDED LENGTH	9.875 INCHES
OVERALL FOLDED WIDTH	3.375 INCHES MINIMUM TO 3.625 INCHES MAXIMUM
OVERALL FOLDED LENGTH	6.625 INCHES MINIMUM TO 6.875 INCHES MAXIMUM
OVERALL SURFACE AREA	130.0 SQUARE INCHES
MATERIAL	PAPER
NAPKIN TYPE	SENIOR DISPENSER NAPKIN
NOMINAL BASIS WEIGHT	12.50 POUNDS (24 INCHES X 36 INCHES PER 500 SHEETS)
PLY TYPE	SINGLE
DISPENSER TYPE	SENIOR
PULP TYPE	WOOD FIBER
FOLD TYPE	DISPENSER
UNIT PACKAGING FORM	BOX
UNIT PACKAGING QUANTITY	10,000
QUANTITY PER UNIT	10,000 NAPKINS PER BOX

PHYSICAL REQUIREMENT:

CHARACTERISTIC	REQUIREMENT	TEST METHOD
Basis Weigh, min. g/m2 (Lbs. 24 x 36-500)	20.3 g/m2 (12.5)	T410
Dry Tensile strength MD, Kg/15 mm (oz/inch) min. CD, Kg/15 mm (oz/inch) min.	0.268 (16) 0.10 (5.9)	T 404 or T494
Absorption Time, sec., max.	100	T432
Brightness, percent, min.	76	T 452

PACKAGING/PACKING: Ten thousand (10,000) napkins shall be packaged in accordance with normal commercial practice to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

**NOTICE:** Packaging and packing requirements in this item purchase description are unique at the request of the U.S. Navy Supply Systems Command. This item is included in the Navy's **PLASTICS REMOVAL IN MARINE ENVIRONMENT (PRIME) PROGRAM** under the U.S. Marine Plastic Pollution Research and Control Act of 1987 (MPPRCA) and the International Convention for the Prevention of Pollution from Ships Treaty (MARPOL) Annex V. Items in the **PRIME** program require biodegradable packing materials. The statement "**PLASTIC PACKING MATERIALS AND PRESSURE SENSITIVE TAPES ARE PROHIBITED**" is included in the packaging and packing requirements for all PRIME program items.

**PREPARATION FOR DELIVERY:** The item(s) shall be packaged and packed in accordance with the latest revision of ASTM D 3951, Standard Practice for Commercial Packaging. **PLASTIC PACKING MATERIALS AND PRESSURE SENSITIVE TAPES ARE PROHIBITED.** Copies of ASTM standards are available from the American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959. Phone: 610-832-9585, Fax: 610-832-9555, Web site: [www.astm.org](http://www.astm.org), e-mail: [service@astm.org](mailto:service@astm.org).

The contractor shall certify that the product offered shall include minimum range of 30 - 100% recovered fiber, including 30 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/consERVE/tools/cpg/index.htm](http://www.epa.gov/epawaste/consERVE/tools/cpg/index.htm)

**UI: BX** (Ten thousand (10,000) napkins shall be packaged in per box)

**NSN: 8540-01-359-0764**

ITEM NAME	PAPER, TOILET
IAW	A-A-697
OVERALL WIDTH	4.5000 INCHES
OVERALL LENGTH	4500.0 INCHES
OVERALL INSIDE CORE DIAMETER	1.375 INCHES TO 1.750 INCHES
PERFORATION INTERVAL	4.250 TO 4.625 INCHES
MATERIAL	FIBROUS, CELLULOSIC MATERIAL (UNBLEACHED)
COLOR	WHITE
PLY QUANTITY	1
NOMINAL BASIS WEIGHT	10 POUNDS (24 INCHES X 36 INCHES PER 500 SHEETS)
UNIT PACKAGING FORM	ROLL
UNIT PACKAGE QUANTITY	96 ROLLS PER BOX

PACKAGING/PACKING: Ninety-six (96) rolls of toilet paper shall be packaged in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 20 - 100 % recovered fiber, including a range of 20 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/consERVE/tools/cpg/index.htm](http://www.epa.gov/epawaste/consERVE/tools/cpg/index.htm)

**UI: BX** (Ninety-six (96) rolls of toilet paper shall be packaged per box)

**NSN: 8540-01-359-0798**

ITEM NAME	TOWEL, PAPER
OVERALL WIDTH	9.250 INCHES (+/- 0.500 INCHES)
OVERALL FOLD DEPTH	5.500 INCHES (+/- 0.500 INCHES)
MATERIAL	PAPER OVERALL, UNBLEACHED
OVERALL BASIS WEIGHT	25 TO 30 LBS (24 INCHES X 36 INCHES PER 500 SHEETS)
OVERALL AREA	99 SQUARE INCH (+/- 3.000 PERCENT, MIN. SURFACE AREA)
OVERALL FINISH	CREPING OR EMBOSSING
SPECIAL FEATURE	100 PERCENT WASTE PAPER INCLUDING A MINIMUM OF 90 PERCENT POST-CONSUMER RECOVERED MATERIALS
UNIT PACKAGING FORM	BOX
UNIT PACKAGING QUANTITY	4,000 PER BOX

PACKAGING/PACKING: Four thousand (4,000) paper towels shall be packaged in a box in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

**UI: BX** (Four thousand (4,000) paper towels shall be packaged in a box)

**NSN: 8540-01-378-1315**

ITEM NAME	TOWEL, PAPER
OVERALL WIDTH	8.000 INCHES
OVERALL LENGTH	800.0 FEET
PERFORATION TYPE	NON-PERFORATED
COLOR	WHITE
USAGE FORM	BOX
UNIT PACKAGING FORM	12 ROLLS PER BOX

PHYSICAL PROPERTIES

CHARACTERISTIC	REQUIREMENT	TEST METHOD
Water Capacity	(g/4 x4 ) 1.0	T432
Water Wicking MD	(cm/15 seconds) 1.0	
Caliper, single sheet	(.000 in) 8.7	
Tensile Strength MD Wet	(g/3 in.) 1900	T494
Tensile Strength MD Dry	(g/3 in.) 5900	T456
Tensile Strength CD Wet	(g/3 in.) 850	
Tensile Strength CD Dry	(g/3 in.) 2900	
MD Stretch (%)	9.0	

PACKAGING/PACKING: Twelve (12) paper towel rolls shall be packaged in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 40 - 100% recovered fiber, including a range of 40 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/conservation/tools/cpg/index.htm](http://www.epa.gov/epawaste/conservation/tools/cpg/index.htm)

**UI: BX** (Twelve (12) paper towel rolls shall be packaged in a box)

**8540-01-378-5292**

ITEM NAME:	PAPER, TOILET
OVERALL WIDTH	0003.650 INCHES
OVERALL LENGTH	1000.000 FEET
OVERALL DIAMETER	0009.000 INCHES
NOMINAL BASIS WEIGHT	0017.000 POUNDS
COLOR	WHITE OVERALL
MATERIAL	PAPER, TOILET TISSUE
PLY	TWO PLY
USAGE FORM	ROLL
UNIT PACKAGING FORM	BOX
UNIT PACKAGE QUANTITY	TWELVE (12) ROLLS PER BOX

PACKAGING/PACKING: Twelve (12) rolls of toilet paper shall be packaged in a box in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 20 - 100 % recovered fiber, including a range of 20 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/conservation/tools/cpg/index.htm](http://www.epa.gov/epawaste/conservation/tools/cpg/index.htm)

**UI: BX** (Twelve (12) rolls of toilet paper shall be packaged in a box)

**NSN: 8540-01-378-6218**

ITEM NAME	PAPER, TOILET
OVERALL ROLL WIDTH	3.500 INCHES
OVERALL ROLL LENGTH	4,000 FEET
PLY	SINGLE / 1 PLY
PERFORATION	NON PERFORATED
USAGE FORM	ROLL
ROLL SIZE	JUMBO
COLOR	WHITE
SAMPLING TEST METHOD	I.A.W. TAPPI T400 - COMMERCIAL ITEM DESCRIPTION
UNIT PACKAGING QUANTITY	6 ROLLS SHEETS PER BOX

CHARACTERISTIC	REQUIREMENT	TEST METHOD
Basis Weigh, min. g/m2 (lbs, 24 x 36-500), min	17.9 g/m2 (11)	T 410
Tensile strength, Dry CD , 50mm (2 in), min	44 N/m 4.0 ozf/in	T 494
Absorption Time, 0.01 ml H2O, max	3 5 sec	
Brightness, avg. both sides, min.	65%	T 452

PACKAGING/PACKING: Six (6) toilet paper rolls per box shall be packaged in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 20 - 100 % recovered fiber, including a range of 20 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/consERVE/tools/cpg/index.htm](http://www.epa.gov/epawaste/consERVE/tools/cpg/index.htm)

**UI: BX** (Six (6) toilet paper rolls per box)

**NSN: 8540-01-380-0690**

ITEM NAME	PAPER, TOILET
OVERALL SHEET WIDTH	4.00 INCHES
OVERALL SHEET LENGTH	4.00 INCHES
SHEET PERFORATION INTERVAL	4.250 INCHES - 4.375 INCHES
OVERALL ROLL LENGTH	2,200 INCHES, WRAPPED AROUND A CORE
NUMBER OF SHEETS PER ROLL	550 SHEETS
MATERIAL	FIBROUS, CELLULOSIC MATERIAL
USAGE FORM	ROLL, INDIVIDUALLY WRAPPED, UNCOMPRESSED
ROLL SIZE	JUMBO
UNIT PACKAGING QUANTITY	80 ROLLS PER BOX

PHYSICAL REQUIREMENTS

CHARACTERISTIC	REQUIREMENT	TEST METHOD
Basis Weigh, min. g/m2 (lbs, 24 x 36-500), min	17.9 g/m2 (11)	T 410
Tensile strength, Dry CD , 50mm (2 in), min	44 N/m 4.0 ozf/in	T 494
Absorption Time, 0.01 ml H2O, max.	35 sec	
Brightness, avg. both sides, min.	65%	T 452

TEST METHOD I.A.W. TAPPI T400 - COMMERCIAL ITEM DESCRIPTION

PACKAGING/PACKING: Eighty (80) toilet paper rolls shall be packaged in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 20 - 100 % recovered fiber, including a range of 20 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/consERVE/tools/cpg/index.htm](http://www.epa.gov/epawaste/consERVE/tools/cpg/index.htm)

**UI: BX** (Eighty (80) toilet paper rolls shall be packaged per box)

**NSN: 8540-01-462-5333**

ITEM NAME	TOWEL, PAPER
OVERALL ROLL WIDTH	7.875 INCHES
OVERALL ROLL LENGTH	400 FEET
CORE	INCLUDED
USER FORM	ROLL
COLOR	NATURAL
UNIT PACKAGING QUANTITY	12 ROLLS PER BOX

PHYSICAL REQUIREMENT:

PHYSICAL PROPERTY DATA IS AS PRODUCED; SUBSEQUENT STORAGE CONDITIONS AND THE AGE OF THE PRODUCT, THAT MAY AFFECT THE PROPERTIES OF THE PRODUCT AS RECEIVED. TEST RESULTS OF COMPETITIVE PRODUCT ARE SINGLE SAMPLE OF THE PRODUCT PROVIDED BY THE CUSTOMER.

CHARACTERISTIC	REQUIREMENT	TEST METHOD
WATER CAPACITY	(G/4 X4 ) 1.0	T 432
WATER WICKING MD	(CM/15 SECONDS) 1.0	
CALIPER, SINGLE SHEET	.000 IN) 8.7	
TENSILE STRENGTH MD WET	(G/3 IN.) 1900	T 494
TENSILE STRENGTH MD DRY	(G/3 IN.) 5900	T 456
TENSILE STRENGTH CD WET	(G/3 IN.) 850	
TENSILE STRENGTH CD DRY	(G/3 IN.) 2900	
MD STRETCH (PERCENT)	9.0	

PACKAGING/PACKING: Twelve (12) rolls of paper towels shall be packaged in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 40 - 100% recovered fiber, including a range of 40 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/conserves/tools/cpg/index.htm](http://www.epa.gov/epawaste/conserves/tools/cpg/index.htm)

**UI: BX** (Twelve (12) rolls of paper towels shall be packaged per box)

**NSN: 8540-01-494-0909**

ITEM NAME	TOWEL, PAPER
NOMINAL WIDTH	10.25 INCHES
NOMINAL FOLD DEPTH	4.00 INCHES
BASIS WEIGHT SHEETS)	25 TO 30 POUNDS (24 INCHES X 36 INCHES PER 500
DESIGN FORM	C-FOLD
MATERIAL	PAPER
COLOR	WHITE
SPECIAL FEATURE	CHLORINE - FREE
FOR USE WITH	GSA DISPENSER NSN 4510-00-585-6305
UNIT PACKAGING FORM	BOX
UNIT PACKAGING QUANTITY	200 TOWELS PER BUNDLE
UNIT PACKING QUANTITY	12 BUNDLES PER BOX (TOTAL 2,400 TOWELS)

PHYSICAL REQUIREMENTS

CHARACTERISTIC	REQUIREMENT	TAPPI TEST METHOD
Water absorption 0.1 ml, seconds (max)	100 sec	T432
Tensile strength I/N/100 mm (oz/in), avg. of both directions (min)		
Dry	29.4 (27)	T494
Wet	8.7 (8)	T456

PACKAGING/PACKING: Twelve (12) bundles (totaling 2,400 towels) of paper towels shall be packaged in a box in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 40 - 100% recovered fiber, including a range of 40 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/conserva/tools/cpg/index.htm](http://www.epa.gov/epawaste/conserva/tools/cpg/index.htm)

**UI: BX** (Twelve (12) bundles (totaling 2,400 towels) of paper towels shall be packaged in a box)

**NSN: 8540-01-494-0911**

ITEM NAME	TOWEL, PAPER
OVERALL WIDTH	9.250 INCHES
OVERALL FOLD DEPTH	5.375 INCHES
DESIGN FORM	SINGLE FOLD, UNBLEACHED
MATERIAL	PAPER
COLOR	KRAFT
BASIS WEIGHT	25 TO 30 POUNDS (24 INCHES X 36 INCHES PER 500 SHEETS)
UNIT PACKAGING FORM	BOX
UNIT PACKAGING QUANTITY	250 TOWELS PER BUNDLE
UNIT PACKING QUANTITY	16 BUNDLES PER BOX (TOTAL 4,000 TOWELS)

PHYSICAL REQUIREMENTS.

CHARACTERISTIC	REQUIREMENT	TAPPI TEST METHOD
Water absorption 0.1 ml, seconds (max)	100 sec	T432
Tensile strength I/N/100 mm (oz/in), avg. of both directions (min)		
Dry	29.4 (27)	T494
Wet	8.7 (8)	T456

PACKAGING/PACKING: Sixteen (16) bundles (totaling 4,000 towels) of paper towels shall be packaged in a box in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 40 - 100% recovered fiber, including a range of 40 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/consERVE/tools/cpg/index.htm](http://www.epa.gov/epawaste/consERVE/tools/cpg/index.htm)

**UI: BX** (Sixteen (16) bundles (totaling 4,000 towels) of paper towels shall be packaged in a box)

**NSN: 8540-01-494-1900**

ITEM NAME	TOWEL, PAPER
OVERALL WIDTH	10.25 INCHES
OVERALL FOLD DEPTH	4.000 INCHES
OVERALL SURFACE AREA	130.0 SQUARE INCHES
MATERIAL	PAPER, CHLORINE-FREE
COLOR	WHITE
DESIGN FORM	C-FOLD
PLY QUANTITY	1
NOMINAL BASIS WEIGHT	25 TO 30 LBS (24 INCHES X 36 INCHES PER 500 SHEETS)
SPECIAL FEATURE	COMPATIBLE FOR USE WITH GSA DISPENSER NSN 4510-00-585-6305
UNIT PACKAGING FORM	BOX
UNIT PACKAGE QUANTITY	200 TOWELS PER BOX TOTALING 1400 TOWELS
QUANTITY PER UNIT	7 PACKAGES PER BOX

PHYSICAL REQUIREMENTS.

CHARACTERISTIC	REQUIREMENT	TAPPI TEST METHOD
Water absorption 0.1 ml, seconds (max)	100 sec	T432
Tensile strength 1/N/100 mm (oz/in), avg. of both directions (min)		
Dry	29.4 (27)	T494
Wet	8.7 (8)	T456

PACKAGING/PACKING: Seven (7) boxes of paper towels (totaling 1,400) paper towels per box shall be packaged in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 40 - 100% recovered fiber, including a range of 40 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/conserves/tools/cpg/index.htm](http://www.epa.gov/epawaste/conserves/tools/cpg/index.htm)

**UI: BX** (Seven (7) boxes of paper towels (totaling 1,400) paper towels per box shall be packaged per box)

**NSN: 8540-01-554-7678**

ITEM NAME	PAPER, TOILET
OVERALL PERFORATED WIDTH	4.000 INCHES
OVERALL PERFORATED LENGTH	4.000 INCHES
OVERALL LENGTH	2200.0 INCHES
PLY QUANTITY	2
MATERIAL	FIBROUS, CELLULOSIC MATERIAL (CHLORINE-FREE)
USAGE FORM	ROLL
ROLL SIZE	JUMBO
PERFORATION TYPE	PERFORATED SINGLE SHEET WOUND AROUND A CORE
TEST METHOD	I.A.W. TAPPI T400 - COMMERCIAL ITEM DESCRIPTION
UNIT PACKAGING FORM	BOX
UNIT PACKAGING QUANTITY	500 SHEETS PER ROLL 40 ROLLS PER BOX

PHYSICAL REQUIREMENTS.

CHARACTERISTIC	REQUIREMENT	TEST METHOD
Basis Weigh, min. g/m2 (lbs, 24 x 36-500), min	17.9 g/m2 (17 lb)	T 410
Tensile strength, Dry CD , 50mm (2 in), min	55 N/m 5.0 ozf/in	T 494
Absorption Time, 0.01 ml H2O, max.	5 sec	
Brightness, avg. both sides, min.	65 PERCENT	T 452

**PACKAGING/PACKING:** Forty (40) rolls of toilet paper shall be packed in a close-fitting fiberboard box to insure delivery at destination, to provide for redistribution by the initial receiving activity, and shall be acceptable by common carrier under National Motor Freight Classification and Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 20 - 100 % recovered fiber, including a range of 20 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/conservation/tools/cpg/index.htm](http://www.epa.gov/epawaste/conservation/tools/cpg/index.htm)

**UI: BX** ((40) rolls of toilet paper shall be packed in a close-fitting fiberboard box)

**NSN: 8540-01-590-9068**

ITEM NAME	PAPER, TOILET
OVERALL WIDTH	3.7000 INCHES (+/- 0.125 INCHES)
OVERALL LENGTH	2000.0 INCHES
OVERALL OUTSIDE DIAMETER	12.000 INCHES
OVERALL INSIDE CORE DIAMETER	3.3000 INCHES
MATERIAL	FIBROUS, CELLULOSIC MATERIAL (CHLORINE-FREE)
COLOR	WHITE
PLY QUANTITY	2
ROLL SIZE	JUMBO
USAGE FORM	ROLL
UNIT PACKAGING QUANTITY	6 ROLLS PER BOX

PHYSICAL REQUIREMENTS.

The paper shall be wound evenly on a round paper board, made from fibrous, cellulosic material and specified the requirement of Table 1 below.

PHYSICAL REQUIREMENTS.

The paper shall be wound evenly on a round paper board, made from fibrous, cellulosic material and specified the requirement of Table 1 below.

TABLE I  
Physical Requirements

CHARACTERISTIC	REQUIREMENT	TAPPI
Basis Weight per ply (24 x 36 -500) Grammage, g/m2 (pounds)	Min 8.5	T410
Water absorption 0.1ml, Seconds (max)	5 seconds	T432
Tensile strength, dry CD, grams (1 ) per ply, min/target/max	150 250 N/A	T494
Tensile strength, dry MD, grams (1 ) per ply, min/target/max	300 350 400	T494
Brightness, percent Average both sides, min	76 PERCENT	T452

Stretch target + or -2 PERCENT	10
Moisture, target + or -1 PERCENT	6
Caliper, 8 plies, inches	.027-.030

Red Lines/ Paper Breaks: No more than two per parent roll, none within 6 inches of the core, and none within 4 inches from the outside edge. No more than 25 percent of a shipment may contain red lines

\*Before Tappi T432 is performed the paper should be conditioned according to Tappi T402.

ODOR. Tissue shall have no disagreeable odor when dry or wet. To test for odor when wet, soak a single tissue in distilled water at room temperature for 2 minutes. Remove the tissue from the water and smell the tissue at a distance of 304 610 mm (12 -24 inches). Any disagreeable odor shall be cause for rejection. Supplier shall certify that the tissue shall not clog or interfere with the water flow of waste lines or septic systems.

BLEACHING. To obtain an acceptable brightness, a chemical bleaching process may be used. Only when specified, the bleaching process shall not include the use of chlorine, chlorine dioxide, or hypochlorite. Certification of compliance shall be made available upon request by the Government.

PACKAGING/PACKING: Six (6) rolls of unwrapped Jumbo roll 2-ply toilet tissue shall be packed in a close-fitting corrugated fiberboard box. The complete shipping container shall not exceed 51 pounds in weight, and shall be in compliance with the Uniform Freight Classification and Item of the National Motor Freight Classification.

The contractor shall certify that the product offered shall include a range of 20 - 100 % recovered fiber, including a range of 20 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/conserves/tools/cpg/index.htm](http://www.epa.gov/epawaste/conserves/tools/cpg/index.htm)

**UI: BX** (Six (6) rolls of unwrapped Jumbo roll 2-ply toilet tissue shall be packed in a close-fitting corrugated fiberboard box)

**NSN: 8540-01-590-9069**

ITEM NAME	TOWEL, PAPER
OVERALL LENGTH	600 FEET
OVERALL WIDTH	8.250 INCHES
OVERALL INSIDE CORE DIAMETER	2.250 INCHES
MATERIAL	FIBROUS, CELLULOSIC MATERIAL, CHLORINE-FREE
PLY QUANTITY	2
COLOR	WHITE
USAGE FORM	ROLL

UNIT PACKAGING FORM  
UNIT PACKAGE QUANTITY

BOX  
6 ROLLS PER BOX

PHYSICAL REQUIREMENTS

CHARACTERISTIC	REQUIREMENT	TAPPI TEST
Basis Weight per ply (24 x 36 -500) Grammage, g/m2 (pounds)	Min 11.5	T410
Water absorption 0.1ml, Seconds (max)	10 seconds	T432
average of both directions	Dry 42 oz/in Wet 12 oz/in	T404 T456
Brightness, percent Average both sides, min	76 percent	T452
Stretch target	+ or -2 percent	
Moisture, target	+ or -1 percent	
Caliper,	8 plies, inches	

Red lines: No more than one per roll, None within six inches of the core, and none within 4 inches from the outside edge. No more than 25 percent of a shipment may contain red lines

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\*Before Tappi T432 is performed the paper should be conditioned according to Tappi T402.

PACKAGING/PACKING: Six (6) rolls of paper towels per box shall packaged in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 40 - 100% recovered fiber, including a range of 40 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/conservation/tools/cpg/index.htm](http://www.epa.gov/epawaste/conservation/tools/cpg/index.htm)

**UI: BX** (Six (6) rolls of paper towels per box)

**NSN: 8540-01-590-9072**

ITEM NAME	PAPER, TOILET
OVERALL WIDTH	3.7000 INCHES (+/- 0.1250 INCHES)
OVERALL LENGTH	2000.0 INCHES
OVERALL OUTSIDE DIAMETER	9.0000 INCHES
OVERALL CORE DIAMETER	3.3000 INCHES
MATERIAL	FIBROUS, CELLULOSIC MATERIAL
COLOR	WHITE
PLY QUANTITY	1
ROLL SIZE	JUMBO
USAGE FORM	ROLL
UNIT PACKAGING FORM	BOX
UNIT PACKAGING QUANTITY	12 ROLLS PER BOX

PHYSICAL REQUIREMENTS.

The paper shall be wound evenly on a round paper board, and specified the requirement of Table 1 below.

TABLE I  
Physical Requirements

CHARACTERISTIC	REQUIREMENT	TAPPI
Basis Weight (24 x 36 -500) Grammage, g/m2 (pounds)	Min 10.2	T410
Water absorption 0.1ml, Seconds (max)	35 seconds	T432
Tensile strength, dry CD, grams (1 ) per ply, min/target/max	150 250 N/A	T494
Tensile strength, dry MD, grams (1 ) per ply, min/target/max	450 500 550	T494
Brightness, percent Average both sides, min	76 percent	T452
Stretch target + or -2 percent	10	
Moisture, target + or -1 percent	6	

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Caliper, 8 plies, inches

.027-.030

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Red Lines/ Paper Breaks: No more than two per parent roll, none within 6 inches of the core, and none within 4 inches from the outside edge. No more than 25% of a shipment may contain red lines

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\*Before Tappi T432 is performed the paper should be conditioned according to Tappi T402.

ODOR. Tissue shall have no disagreeable odor when dry or wet. To test for odor when wet, soak a single tissue in distilled water at room temperature for 2 minutes. Remove the tissue from the water and smell the tissue at a distance of 304 610 mm (12 -24 inches). Any disagreeable odor shall be cause for rejection. Supplier shall certify that the tissue shall not clog or interfere with the water flow of waste lines or septic systems.

BLEACHING. To obtain an acceptable brightness, a chemical bleaching process may be used. Only when specified, the bleaching process shall not include the use of chlorine, chlorine dioxide, or hypochlorite. Certification of compliance shall be made available upon request by the Government.

PACKAGING/PACKING: Twelve (12) rolls of unwrapped Jumbo roll single-ply toilet tissue shall be packed in a close-fitting corrugated fiberboard box. The complete shipping container shall not exceed 51 pounds in weight, and shall be in compliance with the Uniform Freight Classification and Item of the National Motor Freight Classification.

The contractor shall certify that the product offered shall include a range of 20 - 100 % recovered fiber, including a range of 20 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/conservation/tools/cpg/index.htm](http://www.epa.gov/epawaste/conservation/tools/cpg/index.htm)

**UI: BX** (Twelve (12) rolls of unwrapped Jumbo roll single-ply toilet tissue shall be packed in a close-fitting corrugated fiberboard box)

**NSN: 8540-01-590-9073**

**PAPER, TOILET**

**DESCRIPTION**

ITEM NAME	PAPER, TOILET
OVERALL WIDTH	3.7000 INCHES (+/- 0.1250 INCHES)
OVERALL LENGTH	1000.0 INCHES
OVERALL OUTSIDE DIAMETER	9.0000 INCHES
OVERALL CORE DIAMETER	3.3000 INCHES
MATERIAL	FIBROUS, CELLULOSIC MATERIAL
PLY QUANTITY	2
ROLL SIZE	JUMBO
USER FORM	ROLL
COLOR	WHITE

USAGE FORM	ROLL
UNIT PACKAGING QUANTITY	12
QUANTITY PER UNIT	12 ROLLS PER BOX

PHYSICAL REQUIREMENTS.

The paper shall be wound evenly on a round paper board, and specified the requirement of Table 1 below.

TABLE I  
Physical Requirements

CHARACTERISTIC	REQUIREMENT	TAPPI
Basis Weight per ply (24 x 36 -500) Grammage, g/m2 (pounds)	Min 8.5	T410
Water absorption 0.1ml, Seconds (max)	5 seconds	T432
Tensile strength, dry CD, grams (1 ) per ply, min/target/max	150 250 N/A	T494
Tensile strength, dry MD, grams (1 ) per ply, min/target/max	300 350 400	T494
Brightness, percent Average both sides, min	76 percent	T452
Stretch target + or -2 percent	10	
Moisture, target + or -1 percent	6	
Caliper, 8 plies, inches	.027-.030	

Red Lines/ Paper Breaks: No more than two per parent roll, none within 6 inches of the core, and none within 4 inches from the outside edge. No more than 25 percent of a shipment may contain red lines

\*Before Tappi T432 is performed the paper should be conditioned according to Tappi T402.

ODOR. Tissue shall have no disagreeable odor when dry or wet. To test for odor when wet, soak a single tissue in distilled water at room temperature for 2 minutes. Remove the tissue from the water and smell the tissue at a distance of 304 610 mm (12 -24 inches). Any disagreeable odor shall be cause for rejection. Supplier shall certify that the tissue shall not clog or interfere with the water flow of waste lines or septic systems.

BLEACHING. To obtain an acceptable brightness, a chemical bleaching process may be used. Only when specified, the bleaching process shall not include the use of chlorine, chlorine dioxide, or hypochlorite. Certification of compliance shall be made available upon request by the Government.

**PACKAGING/PACKING:** Twelve (12) rolls of unwrapped toilet tissue shall be packaged in accordance with normal commercial practice and packed to assure acceptance by common carrier and to provide product protection against loss or damage during multiple shipments, handling and storage. The shipping container shall be in compliance with the National Motor Freight Classification and the Uniform Freight Classification, and shall not be more than 51 pounds in weight.

The contractor shall certify that the product offered shall include a range of 20 - 100 % recovered fiber, including a range of 20 - 60 % postconsumer fiber in accordance with the EPA Comprehensive Procurement Guidelines, which may be found at:

[www.epa.gov/epawaste/consERVE/tools/cpg/index.htm](http://www.epa.gov/epawaste/consERVE/tools/cpg/index.htm)

**UI: BX (Twelve (12) rolls of unwrapped toilet tissue shall be packaged in a box)**

**NSN: 4510-00-224-8549**

DISPENSER, PAPER TOWEL: The dispenser shall be designed for and capable of dispensing single-fold paper towels (for hand drying), and shall have the following characteristics:

- 1) Fabricated of carbon or stainless steel with a minimum thickness of 0.029 inch.
- 2) Minimum capacity of 350 paper towels. The paper towels shall have a basis weight in pounds of 25-30 (24x36-500), smaller dimension of 9-1/4 inches  $\pm$  1/2 inch, and a fold depth of 5-1/2 inches  $\pm$  1/2 inch.
- 3) Provided with a front opening hinged door panel and lock with one key, minimum, and shall lock automatically when the door is closed, or be provided with a dead bolt keylock, at the manufacturer's option; bottom dispensing slot; fill indicator; and rear panel fastening holes for surface mounting.
- 4) The paint for the finish shall be white dry/powdered or a smooth baked, white gloss enamel, which shall be hard and durable. The exterior and interior finish shall be continuous, free from blisters, pinholes, or other blemishes. Exposed surfaces of the finish shall be smooth and uniform in application and color, free of chips, runs, cracks, or other defects affecting appearance or serviceability.

Unit of issue is each (EA)

**NSN: 4510-00-752-9065**

DISPENSER, TOILET PAPER: 3-roll toilet paper dispenser shall be designed for surface mounting vertically, is intended for other than residential use, and shall have the following characteristics:

- 1) The cabinet shall be stainless steel with a satin finish. At the manufacturer's option, the front panel may be gray plastic with a textured or embossed finish. All other exterior surfaces must be metal. At the

manufacturer's option, interior metallic surfaces shall be chromium plated, bright zinc plated, dry/powdered or baked on white enamel. Interior plastic surfaces shall be as molded.

2) The cabinet closure panel shall lock automatically upon closing or shall be provided with a tumbler lock and key, all keyed alike.

3) The cabinet opening shall be a minimum of 4-5/8 inches in width, height, and depth, for acceptance of 2-ply toilet paper rolls, 4-1/2  $\pm$  1/8 inches wide x 4-1/2  $\pm$  1/8 inches in diameter with a 1-3/8 to 1-3/4 inch inside diameter core.

4) The dispensers shall be provided with fastener holes or slots at the corners with adequate spacing across the cabinet back to provide for stability after installation. Each cabinet shall be furnished with plated or stainless steel fasteners, sheet metal screws, or mounting hardware normally supplied with the manufacturer's standard commercial product.

5) The cabinet shall be capable of housing three (3) rolls of toilet tissue mounted horizontally and stacked vertically. The dispenser roller mechanism shall be capable of automatically dropping the stored roll(s) of tissue, without jamming, when the roll being dispensed has 5 percent or less remaining.

6) Each dispenser shall be clearly and permanently marked with the manufacturer's name or trademark.

Unit of Issue – EA (Each)