Downloaded from http://www.everyspec.com

A-A-50358A
January 26, 1983
SUPERSEDING
A-A-50358
June 23, 1982

COMMERCIAL ITEM DESCRIPTION

COVERALLS, DISPOSABLE, GENERAL PURPOSE

The Navy Clothing and Textile Research Facility has authorized the use of this commercial item description in preference to MIL-C-29133A(NU).

Salient Characteristics

The material for the coveralls shall be a white or light colored disposable nonwoven fabric of a composition, sewability and durability suitable for its intended use (see Notes).

The coveralls shall be furnished in the following sizes with corresponding finished measurements (measurements are expressed in inches):

	Finished Measurements	
Size	Chest	Body Length (min.)
X-Small	38-42	30 1/2
Small	42-46	32
Medium	46-50	33 1/2
Large	50-54	35
X-Large	54-58	36 1/2
XX-Large	58-62	38

(Chest measurement shall be taken with the coverall laid flat and front side up, 1 inch below the armholes, folded edge to folded edge, and doubled.)

(Body length shall be measured from the top of the neckline at centerback to crotch seam with coveralls flat and front side up.)

The body and leg portion of the coverall shall be one piece, seamed at center back, with full-length raglan, yoke or set-in sleeves, and an attached one-piece shirt-style or stand-up collar. The front closing zipper shall be of any lightweight type suitable for the purpose intended, and shall be a minimum of 24 inches long for all sizes. Figure 1 is furnished for guidance.

The thread used for stitching shall be of any commercial type suitable for the purpose intended. The color of the thread shall be white or natural. The stitch type for seaming the coveralls, the seam type, stitch gauge and stitch length shall produce adequately durable seams throughout the garment.

The coveralls shall have the appropriate size and name of contractor legibly stamped, printed, stenciled or labeled onto the inside of the garment, adjacent to the centerback seam.

Downloaded from http://www.everyspec.com

Certification

The contractor shall certify that the product offered meets the salient characteristics of this description and conforms to the producer's own patterns, specifications and quality standards, and is the same product offered for sale in the commercial marketplace. The government reserves the right to require proof of such conformance at any time.

Recovered materials

The manufacturer shall use recovered materials to the extent practicable.

Packaging and Packing

Each coverall shall be neatly folded. 40 coveralls of one size only shall be packed in a fiberboard shipping container conforming to type CF, class domestic, variety DW, grade 200, size 2A of military specification MIL-B-17757. Box liners are required and shall be type CF, class domestic, conforming to MIL-B-17757. The box shall be closed in accordance with the box specification appendix. Marking of the containers shall be as specified in the contract.

Notes

1. This disposable coverall is intended to be worn as a general purpose overgarment for protection against dirt, grease, paint and other general conditions. General purpose coveralls are not recommended for protection against asbestos or fibrous glass particles.

2. A comparison of protective characteristics afforded by non-woven cloths used in disposable coveralls is provided below. (Military specifications, Navy Purchase Descriptions and commercial sources are referenced when applicable.)

(a) A 3 oz/sq yd flame-resistant treated, scrim reinforced cellulosic offers low strength, breathability and good resistance to accidental flame, suitable for light duty only. (Kimberly-Clark Corp." "Kaycel", MIL-C-29132).

(b) A 1.1 oz/sq yd (uncoated) or 2.0 oz/sq yd (coated) spunbonded olefin offer high strength, no breathability and good protection against liquids. (MIL-C-87017; E.I. duPont de Nemours and Co., Inc. "Tyvek")

(c) A 1.5 oz/sq yd bonded matting of polypropylene fibers offers high strength and breathability. (MIL-C-87092; Kimberly-Clark Corp. "SB (SPF)").

(d) A 1.6 oz/sq yd composite of polypropylene fibers offers high strength and low breathability (NCTRF/PD 1-81; Kimberly-Clark Corp. "SMS (CPF)").

(e) A 3.0 oz/sq yd spunlaced polyester/cellulosic offers low breathability, good protection against liquids, flame resistance and strength. (MIL-C-24907; E.I. duPont deNemours and Co., Inc. "Sontara F.R.").

Downloaded from http://www.everyspec.com

3. Manufacturers of disposable coveralls whose styles and fabrications have been found to meet the requirements of this description are listed below:

(a) Ultratek Industries, P.O. Box 2407, 1 Industrial Park Square, Columbus, MS 39701; 79000 series

(b) Edmont Wilson, Coshocton, OH 43812; style 55-530

(c) Melco, Inc., 6603 Governor Printz Blvd., Wilmington, DE 19808; style 502

(d) Durafab Disposables, P.O. Box 657, Cleburne, TX 76031; Style 2120Z

(e) Expendables, Inc., 2944 Congressman Lane, Dallas, TX 75220; Styles 100 and K-100.

(f) Disposable Safetywear, Div of Eastco Industrial Safety Corp., 26-15 123rd Street, Flushing, NY 11354; Style 6001

(g) Mars Disposables, PO Box 6874, Asheville, NC 28816; Style EZ-150

(h) Disposables, Inc. 14 Locust Street, Manhasset, NY 11030; Style 1412

MILITARY INTERESTS:

Custodian

Navy - NU

Review Activities

Navy - SH
DLA - CT

PREPARING ACTIVITY:

Navy - NU

Project No. 8415-N332

Downloaded from http://www.everyspec.com