

A-A-1043A

June 15, 1988

SUPERSEDING

A-A-1043

September 4, 1980

## COMMERCIAL ITEM DESCRIPTION

## STEEL WOOL

The General Services Administration, has authorized the use of this commercial item description in lieu of Federal Specification FF-W-1825.

This Commercial Item Description covers steel wool used as an abrasive for cleaning and polishing.

Salient characteristics:

1. Steel wool shall be of carbon or stainless steel and the following types and classes, as specified:

Type I - Fine  
 Type II - Medium  
 Type III - Medium  
 Type IV - Coarse  
 Type V - Coarse  
 Class 1 - Rolls  
 Class 2 - Pads

2. Thickness of individual fibers shall be in accordance with table I below.

TABLE I. Thickness, individual fibers

Type	Not more than 5 percent under		Not more than 5 percent over		No fiber to exceed	
	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)
I	-	-	0.005	0.127	0.010	0.254
II	0.0003	0.0076	0.007	0.178	0.012	0.305
III	0.0005	0.0127	0.010	0.254	0.015	0.387
IV	0.001	0.0254	0.014	0.356	0.025	0.635
V	0.002	0.0508	0.018	0.457	0.040	1.020

3. Rolls shall be in accordance with standard commercial packaging practice.
4. Pads shall be formed from ribbon which is a minimum of 3-3/4 inches (95 mm) in width.

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5. Weight of rolls shall be as specified.

Workmanship. Steel wool shall be of uniform quality. It shall be free from foreign material, rust, chips, and defects which render the material unsuitable for use. It shall be free from short ends and shall not mat or wad easily in use.

Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements as specified herein except as otherwise specified in the contract, the contractor may use his own or any other facilities suitable, for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure that supplies and services conform to prescribed requirements.

Sampling.

Lot. All pads or rolls of the same type and class presented for inspection at one time shall be considered a lot for purposes of inspection.

Sampling for tests. Sampling for tests shall be in accordance with level S-3 of MIL-STD-105. The AQL for tests shall be 4.0 percent defective. The sample unit sample shall be one pad or roll.

Sampling for visual examination. Sampling for visual examination shall be in accordance with MIL-STD-105, special inspection level S-3, AQL 4.0 expressed in terms of percent defective.

Visual examination. The sample pads or rolls shall be visually examined to verify type, class and workmanship requirements.

Test, thickness. Measure 25 fibers of each pad tested for maximum lateral dimension under a 50X or greater magnification using a reticle suitable for measuring the fiber width in thousandths of an inch.

Examination for preparation for delivery. A random sample of unit, intermediate and shipping containers (as applicable) shall be selected from each lot and examined for conformance with the preservation, packaging, packing, labeling and marking required in the the contract or order. Samples shall be selected in accordance with MIL-STD-105, Inspection level II, AQL 6.5 expressed in terms of defects per hundred unit.

Preservation, packaging, packing, and marking (Civil Agencies).  
The preservation, packaging, packing, and marking shall be as specified in the contract or purchase order.

Packaging (DoD). The packaging shall be in accordance with ASTM Standard D3951.

Regulatory requirements. In accordance with section 23.403 of the Federal Acquisition Regulations, the Government's policy is to acquire items composed of the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition without adversely affecting performance requirements or exposing suppliers' employees to undue hazards from the recovered materials. The term "recovered materials" means materials which have been collected or recovered from solid waste and reprocessed to become a source of raw materials as opposed to virgin raw materials. None of the above shall be interpreted to mean that the use of used products are allowed under this commercial item description unless otherwise specified.

Notes.

Purchaser should specify type and class.

ASTM Standards are available from the American Society for Testing, and Materials, 1916 Race Street, Philadelphia, Pennsylvania 19103.

The COMMERCIAL ITEM CERTIFICATION CLAUSE is not required when this commercial item description is used for procurement.

Copies of Military Standard 105 are available from the Naval Publications and Forms Center, 5801 Tabor Ave., Philadelphia, PA 19120.

**MILITARY INTERESTS:**

**PREPARING ACTIVITY**

Military Coordinating Activity:

GSA - FSS

Army - MR

User Activities:

Army - ME

Navy - SH

Air Force - 84