

A-A-1989A  
March 11, 1985  
SUPERSEDING  
A-A-1989  
June 21, 1982

## COMMERCIAL ITEM DESCRIPTION

### CELLOPHANE

The General Services Administration has authorized the use of this commercial item description in preference to Type V, Class 2 of Federal Specification L-C-110J.

This description covers cellophane, consisting of regenerated cellulose coated on both sides with cellulose nitrate. The cellophane is used for wrapping wet products and frozen foods where moisture protection is required and packages are closed by heat seals.

#### Salient characteristics.

The film thickness shall be as specified in the contract or order. The tolerance or thickness shall be plus or minus 0.0001 inch. Roll width shall be as specified, with a tolerance of plus or minus 1/8 inch. Roll length shall be not less than the specified length.

The film shall be wound on a nominal 3-inch inside diameter core. The film shall be secured to prevent unwinding during storage and transit.

The film shall be heat sealable. The heat seal strength shall be not less than 100 grams per square inch width at 24 degrees C (75 degrees F) and 25 percent relative humidity. Seal strength shall be not less than 50 grams per square inch at 24 degrees C (75 degrees F) and 80 percent relative humidity.

The maximum water vapor permeability shall be 1.0 grams per 645.2 sq cm per 24 hours. Permeability shall be tested in accordance with ASTM E96, Procedure E.

There shall be no evidence of sloughing of the coating from the base sheet, when tested as follows: Samples shall be immersed for 1-1/2 hours in distilled water at 45 degrees C (113 degrees F). The sample shall be washed with water containing a wetting agent. The film shall be rubbed between the fingers and examined for evidence of sloughing or separation.

The issue of the ASTM test method in effect on the date of the solicitation shall be used to determine compliance with these requirements.

Workmanship. The film shall be free from pinholes, pits, warpage, cracks, blisters, and other defects which will affect appearance or serviceability.

A-A-1989A

Examination of the end item and workmanship. The sample unit for this examination shall be one roll. The inspection level shall be S-4 with acceptable quality level (AQL) of 4.0 expressed in terms percent defective in accordance with MIL-STD-105.

Regulatory requirements. The offeror/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent practicable.

The material furnished under this description shall comply with the Federal Food, Drug, and Cosmetic Act and regulations promulgated thereunder.

Preservation, packaging, packing, labeling, and marking. The preservation, packaging, packing, labeling, and marking shall be as specified in the contract or order. (For use by GSA; optional for other agencies.) DoD may use commercial packaging standard ASTM D3951.

Note. Purchasers shall specify dimensions (length, width, and thickness) of the cellophane required.

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

THE COMMERCIAL ITEM CERTIFICATION CLAUSE IS NOT REQUIRED WHEN THIS COMMERCIAL ITEM DESCRIPTION IS USED FOR PROCUREMENT.

**MILITARY INTERESTS:**

**PREPARING ACTIVITY:**

Military Coordinating Activity

GSA - FSS

Army - GL

Custodians

Army - GL

Air Force - 69

Review Activities

Army - MD

Air Force - 99