

A-A-1689B  
May 18, 1989  
SUPERSEDING  
A-A-1689A  
May 7, 1982

COMMERCIAL ITEM DESCRIPTION  
TAPE, PRESSURE-SENSITIVE ADHESIVE (PLASTIC FILM)

The General Services Administration has authorized the use of this commercial item description as a replacement for Federal Specification PPP-T-66, Type I, Classes 1 and 2, and Type II.

This commercial item description covers pressure-sensitive adhesive tape designed for sealing out moisture and sealing interior packaging. In addition to the above uses, Type I, Class 2 tape can also be used for color coding and identification and Type II tape can be used where marking or printing is required.

Classification: The tapes shall be of the following types and classes specified:

Type I, Class 1 Transparent  
Class 2 Colored

Type II, Printable

1. Salient Characteristics

The tape backing shall consist of modified polyvinyl chloride or polyvinyl chloride-vinyl acetate film. The adhesive shall be pressure-sensitive and shall require no moisture, heat, or other special preparation prior to application of the tape. The adhesive shall completely cover one side of the tape backing.

Type II tape will accept writing with pen and other common marking devices.

The following tolerances on widths shall apply: +/- 1/32 inch on widths under 3/4 inch, +/- 1/16 on widths of 3/4 inch or greater and less than 2 inches, and +/- 3/32 inch for widths greater than 2 inches.

The tape shall comply with the requirements in section 2 when tested with the appropriate test procedure.

Workmanship. The tape shall be uniformly constructed and free from defects which may impair usefulness of the material for the intended purpose. The adhesive shall be coated in a smooth uniform layer over the entire surface of one side of the tape backing. The tape shall be evenly and tightly wound with no voids. The edges shall be clean cut. When unwound, the tape shall not tear nor shall the adhesive separate from the backing.

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## 2. Requirements and Test Methods

	<u>Requirement</u>				<u>Test Method</u>
	Type I		Type II		
	Min.	Max.	Min.	Max.	
Adhesion oz./in. width (min.)	15	--	15	--	ASTM D 3330 Procedure A
Tensile lbs./in. width (min.)	12	--	12	--	ASTM D 3759
Water Vapor Transmission Rate g./100 sq.in./24 hr.	—	5.5		5.5	ASTM D 3833

## 3. Quality Assurance

Sampling for Examination and Testing shall be in accordance with Section 6 of ASTM D 3715 with an AQL of 4 percent defective. The sample unit shall be one roll of tape.

Inspection for Packaging, Packing, and Marking shall be in accordance with MIL-STD-105D and Change Notice 2 using the sampling plans specified below.

Inspection Level S-2 with an AQL of 4.0 percent defective. The sample unit shall be one fully prepared shipping container.

## 4. Preparation for delivery

Packaging, packing and marking of the tapes shall be as specified in the contract or purchase order.

5. Application for copies of technical documents referenced herein: The issue date in effect on date of invitation for bids or request for proposal shall be apply.

ASTM standard test methods can be obtained from the American Society for Testing and Materials; 1916 Race Street; Philadelphia, PA 19103.

MIL-STD-105 is available from Naval Publications and Forms Center; 5801 Tabor Avenue; Philadelphia, PA 19120.

## 6. Ordering Data

Purchasers should specify the type, class, width, length and color of tape desired.

7. Regulatory requirements. The manufacturer shall utilize recovered materials at the maximum extent possible.

No Official DOD Interest  
Has Been Registered

Civil Agency Coordinating Activities:

DOT-FRA

ERDA

GPO

NASA-JFK

USDA-AFS, APS

VA-OSS

Preparing Activity:

GSA - FSS