



ADVANCING STANDARDS
TRANSFORMING MARKETS

100 BARR HARBOR DRIVE
P.O. BOX C700
WEST CONSHOHOCKEN, PA 19428-2959
USA

TEL +1.610.832.9500

EMAIL MEMSERV@ASTM.ORG

WEB GO.ASTM.ORG

ASTM International Technical Committee F02 on Primary Barrier Packaging

SCOPE

The scope of the Committee shall include the development of standards for physical, chemical, and barrier properties of primary barrier packaging materials and the promotion of research in this field. The committee's focus includes the component materials, their properties, and primary package design, development, and production.

A primary barrier packaging is defined as a package constructed from porous or nonporous barrier materials and designed to control or eliminate the passage of gas vapor, humidity, liquid, microbes, and light into or out from the package and is in direct contact with the contents.

Typical primary barrier packaging materials are papers, nonwovens, plastic films, rigid plastics, glass, and metal foils, used alone, treated, or in various combinations

Typical primary barrier packages include but are not limited to bottles, vials, pouches, blisters, and trays.

Recognition shall be made of related national and international standards with the encouragement of full participation in those activities. Standards under the jurisdiction of other committees shall be used when applicable.

TECHNICAL SUBCOMMITTEES

- **F02.10** Permeation
- **F02.15** Chemical/Safety Properties
- **F02.20** Physical Properties
- **F02.25** Rigid Container Closure Systems
- **F02.30** Mechanical Dispensers
- **F02.40** Package Integrity
- **F02.50** Package Design and Development
- **F02.80** Liaison
- **F02.90** Executive



QUICK FACTS

Established 1957

Number of Members 234

Number of Standards 79

Global Participation 21 Countries
Represented

The standards are available in
[Volume 15.10 in the *Annual Book of ASTM Standards*](#)

Meetings F02 meets twice each year in April and October

STAFF MANAGER

James Morgan
ASTM International Headquarters
100 Barr Harbor Drive
West Conshohocken, PA 19428
USA

tel +1.610.832.9806
jrmorgan@astm.org



Learn more about Committee F02
www.astm.org/committee-f02

Join ASTM
www.astm.org/join



ADVANCING STANDARDS
TRANSFORMING MARKETS

100 BARR HARBOR DRIVE
P.O. BOX C700
WEST CONSHOHOCKEN, PA 19428-2959
USA

TEL	+1.610.832.9500
EMAIL	MEMSERV@ASTM.ORG
WEB	GO.ASTM.ORG

KEY DOCUMENTS

F88 — Test Method for Seal Strength of Flexible Barrier Materials

F1980 — Guide for Accelerated Aging of Sterile Barrier Systems and Medical Devices

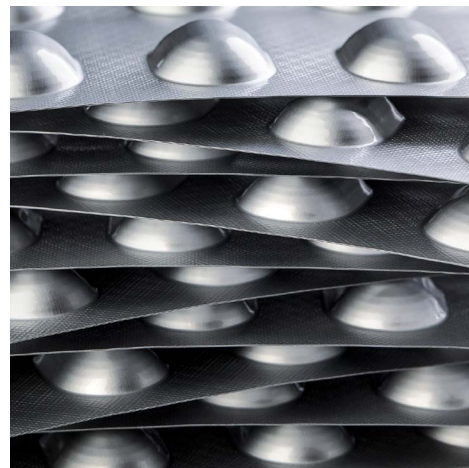
F1929 — Test Method for Detecting Seal Leaks in Porous Medical Packaging by Dye Penetration

F2096 — Test Method for Detecting Gross Leaks in Packaging by Internal Pressurization (Bubble Test)

F1886 — Test Method for Determining Integrity of Seals for Flexible Packaging by Visual Inspection

D3985 — Test Method for Oxygen Gas Transmission Rate Through Plastic Film and Sheeting Using a Coulometric Sensor

F1249 — Test Method for Water Vapor Transmission



QUICK FACTS

Established 1957

Number of Members 234

Number of Standards 79

Global Participation 21 Countries
Represented

The standards are available in
Volume 15.10 in the *Annual Book*
of ASTM Standards

Meetings F02 meets twice each year in April
and October

STAFF MANAGER

James Morgan
ASTM International Headquarters
100 Barr Harbor Drive
West Conshohocken, PA 19428
USA

tel +1.610.832.9806
jrmorgan@astm.org



Learn more about Committee F02
www.astm.org/committee-f02

Join ASTM
www.astm.org/join