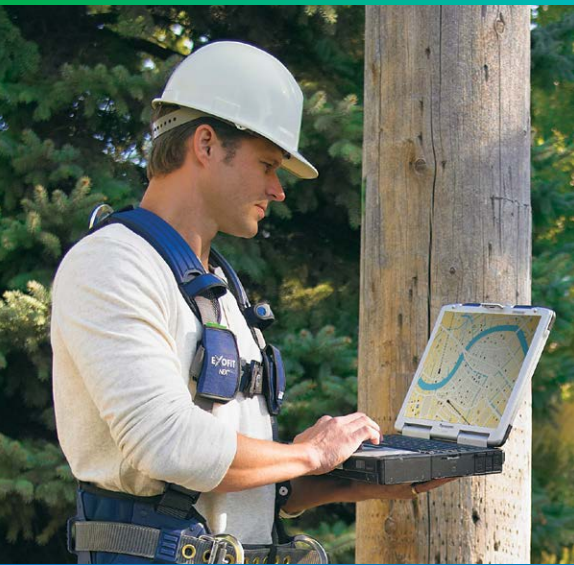


3M™ Barrier Films

Offering protection, light control and display enhancement.



3M™ Barrier Films are designed to provide a barrier to water and oxygen transmission while maintaining the optical transmittance characteristics of the base films. These optically clear multilayer films are remarkably impermeable due to their construction consisting of a polyester substrate with a very thin barrier coating made of layers of polymer and oxide. These films are lighter, more impact resistant, and more flexible than glass.



Features

- Durable barrier
- Thin and flexible optical film
- Lighter, more impact resistant, and more flexible than glass
- High contrast ratio
- Moisture barrier extends device lifetime
- Low haze for visible light transmission



Flexible Protection

Products

- 3M™ Flexible Transparent Barrier Film FTB3-50
- 3M™ Flexible Transparent Barrier Film FTB3-UV-50
- 3M™ Barrier Protection Sheet Film BPS-55

Applications

May be used as a barrier in optical displays and devices sensitive to water and oxygen.

Typical Environments of Use

- Kiosks
- Retail point of sale
- Electric vehicle charging stations
- Electronic shelf labels
- Organic ink displays
- Organic lighting

Shelf Life and Storage (prior to application)

Product must be stored flat, in its original 3M packaging, out of sunlight, and in a clean, dry (relative humidity between 30% and 60%) area that is maintained at a temperature between 10°C and 30°C. Do not rest objects on or apply pressure to the product as this can dent or deform the film which can cause damage. Lift the product rather than sliding it. Wear gloves while handling to prevent fingerprints or nail marks and hold product by the edges to prevent soiling of the view area.

Warranty Period and Storage Conditions

3M warrants that the products produced to this specification will meet this specification for twelve (12) months after the date of receipt at the purchaser locations provided that the product is stored flat in accordance with the requirements in the Shelf Life and Storage section above.



For availability or to learn more, contact our customer service group at 1-800-553-9215, or visit [3M.com/displayfilms](https://www.3m.com/displayfilms)



Display Materials & Systems Division

3M Center, Building 235-1E-54
St. Paul, MN 55144-1000 U.S.A.

Phone 1-800-3M HELPS
Web [3M.com/displayfilms](https://www.3m.com/displayfilms)

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