# BinLiners™

Micronova® BinLiner™ Bags provide a reliable solution for cleanroom waste disposal, garment collection, and the storage or transfer of raw materials and finished products. Made from FDA-compliant low-density polyethylene, available gamma irradiated; they are suitable for cleanroom and aseptic applications. Gusseted styles accommodate rectangular containers, while flat-seal designs offer broad compatibility across container types. Available in 1 to 6 mil thickness, BinLiner™ bags support applications ranging from general material handling to heavy-duty containment and transfer.



(Shown BLSSH-1624 BinLiner™ Stand with BinLiner™ and Irradiated Closure Tie)

### Key Features & Benefits:

- Made from FDA-compliant LDPE
- Efficient disposal, collection, storage, and transfer solutions
- Offered in 1 to 6 mil thickness
- Designed to fit most containers – gusseted or flat-seal construction
- Available flat-packed or on a plastic core roll
- Tinted options, support GMP color-coded regulations and practices
- Good chemical resistance to common disinfectants and cleaning solutions
- Available non-sterile and sterile; for aseptic areas
- Not Autoclavable

| Size<br>Width x Length (in, cm) | Capacity | Thickness |
|---|---|---|
| 10 × 16 in (25.4 × 40.6 cm) | 1-gal / 4 L | 1 mil to 6 mil (0.0254 to 0.1524 mm) |
| 18 x 18 inch (45.7 x 45.7 cm) | 1-gal / 4 L | 1 mil to 6 mil (0.0254 to 0.1524 mm) |
| 16 x 20 inch (40.6 x 50.8 cm) | 2-gal / 8 L | 1 mil to 6 mil (0.0254 to 0.1524 mm) |
| 25 x 35 inch (63.5 x 88.9 cm) | 16-gal / 60 L | 1 mil to 6 mil (0.0254 to 0.1524 mm) |
| 24 x 36 inch (60.9 x 91.4 cm) | 16-gal / 60 L | 1 mil to 6 mil (0.0254 to 0.1524 mm) |
| 34 x 40 inch (86.3 x 101.6 cm) | 33-gal / 125 L | 1 mil to 6 mil (0.0254 to 0.1524 mm) |
| 40 x 48 inch (101.6 x 121.9 cm) | 40-gal / 150 L | 1 mil to 6 mil (0.0254 to 0.1524 mm) |
| 40 x 60 inch (101.6 x 152.4 cm) | 55-gal / 200 L | 1 mil to 6 mil (0.0254 to 0.1524 mm) |
| 82 x 65 inch (208.2 x 165.1 cm) | 400-gal / 1515 L | 1 mil to 6 mil (0.0254 to 0.1524 mm) |
| 120 x 101 inch (304.8 x 256.5 cm) | 1400-gal / 5300 L | 1 mil to 6 mil (0.0254 to 0.1524 mm) |

**Material of Constructuion:**

FDA-compliant (LDPE) Low-Density Polyethylene
Available: Transparent • Grey • Red • Blue • White

Other sizes, thickness, and packaging configurations available. Contact a Micronova Expert.

Tinted BinLiner™ bags support GMP color-coding practices by enabling quick visual identification to help reduce cross-contamination and improve product transport, and organized storage.



**Manufactured for Use in Controlled Environments:**

- ISO 5 to ISO 9 Cleanrooms
- ISO 9001 Certified Manufacturing Facility; USA
- Good chemical resistance to disinfectants
- BSE/TSE Statement: We certify that this product is manufactured without the use of raw materials of animal or human origin.
- Ambient temperature (recommended 15°C - 30°C or 59°F - 86°F). Do not store in direct sunlight.
- Store the product in a space that is protected from extreme temperature and humidity fluctuations and away from ultraviolet light sources.
- Sterile Liners:
  - o 10-6 Sterility Assurance Level in compliance with AAMI Guidelines for Sterilization
  - o Minimum Irradiation Dose: 10 kGy
  - o Validation Package Available upon request

**For Use With:**

Micronova® BinLiner™ Stands provide ergonomic liner support and side removal to help limit repetitive strain injuries, while 12-inch Irradiated Closure Ties securely close small or large bags up to 6 mil thick. The autoclavable Stainless Steel BinLiner™ Roll Cart organizes and transports two rolls of BinLiners of any size for convenient access. Together, these products provide an efficient system for liner storage, transport, use, and closure in cleanroom and aseptic environments. The system supports ergonomic handling while helping reduce the risk of cross-contamination.

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