



Recycled Materials  
Association

## PE Furniture Mix Film

**Description:** Any mixture of natural Low-Density Polyethylene (LDPE) film used for sofa overwrap, bubble wrap, mattress bags, and Linear Low-Density Polyethylene (LLDPE) stretch film and polyethylene thin foam, which is white and gray foam backed with LDPE film. Color contribution can be only from the white foam, gray foam backed with LDPE film, and blue mattress bags. The mass shall consist of 70% to 80% LDPE and/or LLDPE films and the remaining 20-30%, polyethylene foam. Films may be coded with ASTM D7611 resin identification code “#4, LDPE/LLDPE.”

**Product:** LDPE or LLDPE Film and Foam

**Source:** Sorted Film and foam generated after meeting its intended use from commercial establishments

**Contamination:** Total contaminants should not exceed 10% by weight.

**ALLOWABLE CONTAMINANTS AT LOW LEVELS:** These contaminants are tolerable at low levels. The following contaminants should not exceed 5% by weight of any of the following “individual” contaminants, unless noted otherwise.

- Non-polyethylene other plastics such as non-woven PP, EPS, TPU
- HDPE (#2) film
- Lightly labeled (no more than 2 or 3 labels on each piece film) or lightly printed film (less than 5% of surface covered in ink)
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- Loose paper, cardboard (OCC), including cardboard endcaps
- Moisture residues (2% maximum)
- Wood
- Miscellaneous small metal such as screws

**CONTAMINANTS NOT ALLOWED:** If present, these contaminants may result in rejection.

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| • Heavily labeled or printed film                           | flammable, corrosive or reactive  |
| • Any non-PE films, metallized, or multi-material pouches   | products, pesticides or herbicides  |
| • PE film packaging exposed to hazardous materials, such as | • Silicone coated film  |
|   | • Film with oxo or bio-degradable additives, PVDC layers, or acrylic coatings |

- Any rigid plastic bottle, container or packaging including PET (#1), HDPE (#2), PVC (#3), LDPE/LLDPE (#4), PP (#5), PS (#6), Other (#7) and compostable plastic (e.g. PLA and PHA)
- Desiccant pouches
- Any bulky rigid plastic
- Food waste
- Free-flowing liquids
- Textiles
- Metal, Glass
- Batteries
- Electronics scrap, including items with circuit boards or battery packs
- Bio-Medical waste/items (e.g. syringe, sharps, gloves, masks)
- Rocks, stones, mud, oils, grease

**General:** Refer to the General Information section for additional information.

*Effective as of: May 12<sup>th</sup>, 2025*