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Data Sheet

# DAHLAR® RELEASE BAG 125

Economical vacuum bag with excellent release properties

## DESCRIPTION

Dahlar® Release Bag 125 is an economical film designed for both vacuum bagging and release applications. It can be used for cures up to 140°C (285°F) and will release from most resins associated with aerospace, marine, and recreational products. This formulation has improved tear resistance and elongation over products previously offered as low temperature, multiple process films.

Dahlar® Release Bag 125 (25 µm or 0.001 inch) is the ideal release film for polyester or vinyl ester resins as well as epoxies and phenolics. See the release film section. It is also offered with our embossed patterns making it a breather, release film and vacuum bag all-in-one.

## BENEFITS

- Reduce inventory cost with economical single choice film option for use as bag or release film.
- Tough, strong, and good elongation make bagging much easier than with other low cost products.
- Embossed version makes compaction and debulking faster and cheaper.

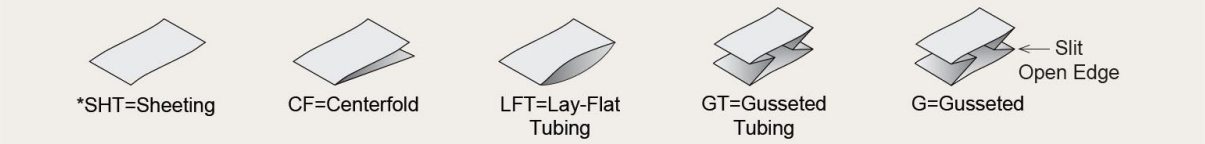
## TECHNICAL DATA

| | | Test method |
|---|---|---|
| Material type | Polyolefin, multi-layer | |
| Elongation at break | 400 % | ASTM D 882 |
| Tensile strength | 65 MPa (9400 psi) | ASTM D 882 |
| Maximum use temperature | 140°C (285°F) | |
| Materials to avoid | Compatible with most resin systems | |
| Colour | Green | |
| Storage | Recommended storage temperature is 5°C to 40°C (41°F to 104°F). Store indoors in original packaging, do not stack rolls on end. | |

## SIZES

| Thickness | Width | Forms Available* |
|---|---|---|
| from 25 - 75 µm (0.001 to 0.003 inch) | up to 6.6 m (260 inches) | SHT, CF, LFT |
| from 50 - 75 µm (0.002 to 0.003 inch) | up to 4.0 m (157 inches) | SHT (Embossed Film) |

- For more sizes, see the *Sizes* chart in this section.
- Custom shapes and sizes are available, please contact Airtech for more information.




## SUSTAINABILITY

Can be recycled

Recyclable packaging

## NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Airtech recommends testing prior to use.
- Watch a demo video of Dahlar® Release Bag 125 in the "Media Center" on our website.

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Catalogue position : Bagging films

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