

AirgeL -grade

COMPOSTABLE AIRLAID

High absorption compostable airlaid

- CELLULOSE FIBRE-BASED STRUCTURE
- HIGH RETENTION CAPACITY
- CERTIFIED

OK compost

TÜV AUSTRIA

INDUSTRIAL S1281

Airgel g-grade is a cellulose fibre-based airlaid material developed by Magic. Its absorbent core incorporates Spongel, Magic's patented compostable superabsorbent powder. Airgel g-grade is OK compost INDUSTRIAL certified by TÜV Austria for industrial composting, in the configurations covered by the certificate.



Absorption performance

- ✓ Airgel g-grade absorbs more than 20 times its own weight
- ✓ To achieve an absorption capacity of 4,000 g/m² of saline solution, Airgel g-grade requires a basis weight of 180 g/m², compared with approximately 300 g/m² for a cellulose absorbent material
- ✓ Airgel g-grade achieves retention levels 15–20% higher than SAF-based products and 30% higher than cellulose-based products

Main applications

Hygiene products

Airgel g-grade is used in diapers, feminine hygiene products and incontinence products.
Its high absorption capacity and retention under load over time help meet specific absorption requirements.

Absorbent pads for food packaging

Airgel g-grade can be used to manufacture industrially compostable absorbent pads for food packaging.

Other applications

- Agriculture
- Logistics
- Management of bio-waste
- Floriculture
- Hygiene and cleaning
- Construction and civil engineering

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absorbing your needs

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Rev. 10/2026