



## Aluminum barrier foil A40

### Technical Datasheet

#### Product

##### **Water vapor-proof packaging material made of aluminum compound**

3-layer compound foil, solvent-free, consisting of

- PETP 12  $\mu$
- Adhesion promoter
- Aluminum 12  $\mu$
- Adhesion promoter
- LDPE, transparent 165  $\mu$
- **Material thickness** ~193  $\mu$

#### Application

Our water vapor, grease and water-proof packaging materials offer the best possible barrier layer for your demanding export, long-term and overseas packaging requirements.

#### Technical specification

Sealing data	approx. 250°C, 20 N/cm <sup>2</sup> , 2 sec.
Seal strength:	50 N / 15 mm
Puncture strength:	77 N
Tensile strength longitudinal/transverse:	80 / 90 N
Tear elongation longitudinal/transverse:	n.a.
Water vapor permeability, climate 9 (40/90):	0,04 g/m <sup>2</sup> d
Oxygen permeation at 20°C:	0,01 cm <sup>2</sup> /m <sup>2</sup> d
Temperature resistance:	+80 °C / -40 °C
Oil- and grease-proof:	n.a.
Compound strength:	n.a.

#### Storage

- Store cool and dry, do not expose to sunlight.

#### Specification

**A40 T** meets the following specifications:

- **TL 8135-0003** Type Specifications of the German Federal Armed Forces
- **DIN 55 531** Deutsche Industrienorm (German industry standard)
- **MIL-PRF-131J** U.S. Military Specification
- **NF H 00-310** Norme Francaise (French Standard)

The data contained herein represent the current state of the art, are not binding and need to be adapted to local conditions. They do not constitute any liability on our part.

Revised: 25.07.2013; Print date: 30.06.2025