

Technical Datasheet Aluminium barrier film A30 T

Material

Water vapour-proof packaging material made of aluminium compound

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

- PETP 12 μ
- adhesion promoter
- aluminium 12 μ
- adhesion promoter
- LDPE, transparent 95 μ
- **Material thickness** ~123 μ
- **Sealing data** approx. 200 °C, 20N/cm², 2 sec.

Application

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

Technical specification

Seal strength:	40 N / 15 mm
Puncture strength:	68,6 N
Tensile strength longitudinal/transverse:	76,2 / 73,5 N
Tear elongation longitudinal/transverse:	235 N/mm / 337 N/mm
Water vapour permeability, climate 9 (40/90):	0,04 g/m ² d
Oxygen permeation at 20°C:	0,01 cm ² /m ² d
Temperature resistance:	+80 °C / -40 °C
Oil- and grease-proof:	yes
Compound strength:	6-9 N / mm

Storage

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

Specification

A30 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)

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