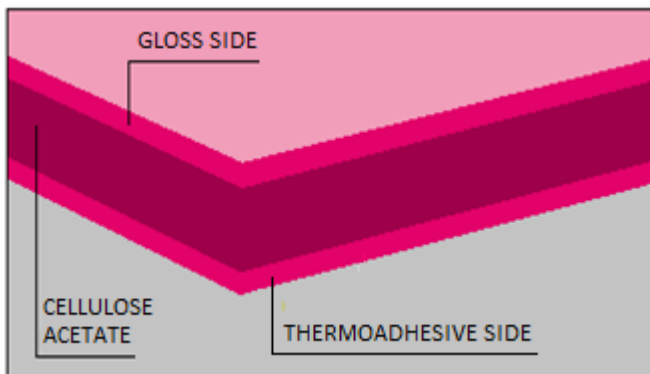


# TECHNICAL DATA SHEET

## ACE GLOSS DRY - ADL035

**ACE GLOSS DRY - ADL035** is a cellulose acetate film with one gloss side and the other thermoadhesive specifically designed for thermal lamination with paper and cardboard.



### TYPICAL TECHNICAL FEATURES (\*)

PHYSICAL PROPERTIES		UNIT	VALUE	METHOD
Thickness		µm	35	Internal
Yield		m <sup>2</sup> /kg	25,50	Internal
Grammage		g/m <sup>2</sup>	39,20	Internal
COF	dynamic	-	0,40 - 0,65	Internal
Surface tension		dyne/cm	38 - 42	Internal

MECHANICAL PROPERTIES		UNIT	VALUE	METHOD
Tensile strength	MD	N/mm <sup>2</sup>	50 - 60	ASTM D882
Elongation at break	MD	%	25 - 45	ASTM D882

THERMAL PROPERTIES		UNIT	VALUE	METHOD
Thermal shrinkage (115°C/10min)	MD	%	1,0 - 1,5	Internal
CA softening temperature		°C	≈ 130	Internal
CA glass transition temperature		°C	≈ 120	Internal
Adhesive melting temperature		°C	≈ 83	ASTM D3418

CHEMICAL PROPERTIES	METHOD
<ul style="list-style-type: none"> <li>- Very low resistance to esters</li> <li>- Low resistance to ketons</li> <li>- Moderate resistance to concentrated strong acids and bases</li> <li>- Resistance to non-polar solvents</li> </ul>	ASTM D543-87

### STORAGE

Store the material in a dry location (preferably with RH ≅ 45%) at a constant temperature between 15°C and 25°C. Do not leave it exposed to direct sunlight or atmospheric agents. Partially used reels have to be repacked as originally supplied.

(\*) The information and data contained herein are to be used only as a guideline; therefore, MAG DATA Spa doesn't offer any guarantee on their absolute truthfulness and doesn't accept any liability arising out of their use.

#### *WARRANTY*

Material processability is guaranteed up to 6 months since shipment date, as long as it is stored correctly. It is recommended to condition the material at room temperature at least 24 hours before its use.

#### *DISCLAIMERS*

MAG DATA Spa gives no warranty, expressed or implied, as to the suitability of the material for a specific application or characteristic use. An industrial homologation test of the material in actual conditions of purpose is always needed in order to verify its suitability for the specific application or characteristic use.

Before using the material, it is advisable to check the compatibility of the inks and adhesives to be purposed with the type and level of its treatment.