

AR-14

INK RIBBON



Description

This flat head ribbon on the basis of resin is recommended especially for plastic surfaces. The print has a fine edge definition with a high blackness and a very good scratch and smudge resistance. It is compatible with all standard flat head thermal printers with speeds up to 175 mm/s.

Formulation	Resin	Ink melting point	> 220°C
Color	black	Flash point	> 300°C
Odour	characteristic	Ignition temp.	> 350°C
Carrier	PET 4,5 micron	Certifications	CONEG 94/62/EC - ISEGA - RoHS

Physical data / Test reports

Resistances

	PE	PP	PVC Card	
Scratch test (1)	90	48	45	Cycle
Smudge test (1)	> 1.000	> 1.000	> 1.000	Cycle
Ethanol (2)	5	7	50	Cycle
Gasoline (2)	12	15	1.000	Cycle
Water (2)	> 1.000	> 1.000	> 1.000	Cycle

(1) Taber 250 g, (2) Crock meter 900 g

Properties

	value/range
Vapour pressure :	n/a
Density :	> 1,3 g/cm ³ at 20°C
Solubility in water :	at 20°C practically insoluble
pH-value :	n/a
Viscosity :	n/a

Stability and reactivity

Hazardous reactions :	none when used appropriately
Hazardous decomposition products :	in case of burning please refer to point 5

Toxicological information

Harmful effects due to exposure to the product are not known.

Ecological information

The product presents no risk worth mentioning for the environment.

Disposal considerations

Disposal key number :	12 01 99
Disposal definition :	waste not otherwise specified (coated polyester film)

Waste disposal:

Waste material can be correctly disposed of or burned in a suitable incinerator in accordance with local regulations. Packaging materials like carton and film can be recycled.

Transport information

The product is not subject to the regulations concerning transport of dangerous goods (GGVSE in the actually valid version).

Regulatory Information

The product is not a dangerous working substance according to the German "Gefahrstoff-Verordnung" in its existing valid version.

Other information

According to the information received from our raw material suppliers and according to the foil formulation the foil coating complies with the EN 71, Part 3 regarding heavy metal content. Since no examination of each individual production batch is made with regard to compliance with the a. m. regulations, no guarantee or warranty is provided, that in every single case the permitted limits might not be exceeded. In case of need upon request and based on a written agreement we can provide you with tested and certified foils against charging of a price surcharge as well as of the costs for examination by an approved testing laboratory.

The information provided herein is given according to our best knowledge and experience as of the date of this document, but NO REPRESENTATION, GUARANTEE OR WARRANTY, EXPRESS OR IMPLIED IS MADE AS TO THE ACCURACY, RELIABILITY OR COMPLETENESS OF THE INFORMATION OR TO ANY SPECIAL QUALITY OR FITNESS OF THE PRODUCTS FOR A SPECIAL APPLICATION. This information does not release our customer from his own liability for care examination of any fitness of the products for his special application. This especially applies to any further production steps following subsequent to the foil application, which may have considerable influence on the result of the foil application, but which are completely out of the control of ALTEC.

Handling and storage**Handling**

Electrostatic charges can be developed on the film. This may cause an explosion in the presence of solvent vapours or product dusts. Process product only in well ventilated rooms. Observe the general instructions on industrial work hygiene.

Storage

Store product at ambient temperature, avoid heat from direct sunlight and extremes of humidity.

Storage temperature: 10 - 35°C

Humidity: 30% - 80%, without precipitation

Disclaimer:

Values shown in this document are averages only. For legal reasons, we emphasize that the information on this data is available as is and that Altec gives no guarantees with respect to the accuracy and completeness nor with respect to interpretations made on the basis of this information.