

# AR-09

## INK RIBBON

### Description

ALTEC AR-09 Series ribbon is based on a resin formulation which offers the end user a high performance image when used with ALTEC heat shrinkable tubing materials. Advantages of the AR-09 Series ribbon, when printed on the appropriate ALTEC material included excellent solvent and friction resistance. Please refer to the appropriate product Technical Data Sheet for specific ribbon and material performance characteristics.

ALTEC AR-09 Series ribbon is halogen free per the IEC 61249-2-21 standard which states the requirements of a maximum of 900 PPM Cl, 900 PPM Br and 1500PPM total halogens, the JPCA-ES-01-1999 standard which states the criteria as <900 PPM Br and <900 PPM Cl and the IPC-4101B definition of halogen free being a maximum of 900 PPM Cl, 900 PPM Br and 1500PPM total halogens. Note: Fluorine, Iodine and Astatine (Other Group VIIA Halogens) are not restricted in the industry definition of Halogen Free.

This ribbon is available in various sizes to be used in ALTEC benchtop and portable thermal transfer printers.

<b>Ink Color</b>	Black	<b>Ink Softening Temperature:</b>	90°C (194°F)
<b>Base Film</b>	Polyester	<b>Usage Condition:</b>	5° - 35°C (41° - 95°F), 45 -85% Relative Humidity
<b>Base Film Thickness:</b>	4.5 microns		

Exposure to direct sunlight, high temperature and high humidity should be avoided.

### Shelf Life

Shelf life is two years from the date of receipt for this product as long as this product is stored in its original packaging in an environment below 80° F (27° C) and 60% RH. It remains the responsibility of the user to assess the risk of using this product. We encourage customers to develop testing protocols that will qualify a product's fitness for use in their actual application.

### Note

All values shown are averages and should not be used for specification purposes. Test data and test results contained in this document are for general information only and shall not be relied upon by ALTEC customers for designs and specifications, or be relied on as meeting specified performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact ALTEC for further information. Product compliance information is based upon information provided by suppliers of the raw materials used by ALTEC to manufacture this product or based on results of testing using recognized analytical methods performed by a third party, independent laboratory. As such, ALTEC makes no independent representations or warranties, express or implied, and assumes no liability in connection with the use of this information.

#### Disclaimer

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